



3001 Miller Road
P.O. Box 1699
Dearborn, MI 48121

January 28, 2005

Chief, Air Enforcement and Compliance Assurance Branch
Air and Radiation Division (AE-17J)
USEPA, Region 5
77 West Jackson Boulevard
Chicago, IL 60604-3590

Attention: Enforcement Tracker

Subject: United States of America and County of Wayne and Michigan Department of Environmental Quality v. Rouge Steel Company – Civil Action Nos. 00-75452 and 00-75454, USAO File No. 1999 00492, DOJ Case No.90-5-2-1-2211/1 – Quarterly Report

As of January 30, 2004, Severstal North America Inc. ("SNA") is the purchaser of substantially all the assets of Rouge Steel Company.

Per Section V, paragraph 21 of the subject Civil Actions, attached is SNA's quarterly report for October – December 2004.

The demonstration report for the "B" Blast Furnace Casthouse demonstration, which was completed on September 19, 2002, was submitted on October 16, 2002. Rouge Steel received the written notice of compliance from EPA pursuant to paragraph 11(d) on November 13, 2002. The list of O&M practices and emission control technologies to use on an ongoing basis was incorporated into the Consent Decree on June 25, 2004.

The BOF demonstration was completed October 28, 2002, and the demonstration report was submitted on November 22, 2002. Written notice from EPA alleging noncompliance for the BOF demonstration test was received on January 10, 2003, and Rouge Steel's Proposed Plan for Use of Operation and Maintenance Practices and Emission Control Technologies was submitted on March 10, 2003. The use of ongoing O&M practices and emission control technologies has not been established with EPA. However, during this interim period, SNA is conducting the weekly VE observations and recording the O&M practices and emission control technologies used for every heat.

January 28, 2005

Page 2 of 2

The demonstration report for the "C" Blast Furnace Casthouse demonstration, which was completed on February 7, 2003, was submitted on February 13, 2003. Rouge Steel received the written notice of compliance from EPA pursuant to paragraph 11(d) on March 17, 2003. The list of O&M practices and emission control technologies to use on an ongoing basis was incorporated into the Consent Decree on June 25, 2004.

Please feel free to contact me at (313) 845-3217, if you have any questions regarding this subject.

Very truly yours,



D. S. Windeler
Manager, Environmental Engineering

Attachments

cc: Gaylene Vasaturo, Esq. ✓
Ms. Teresa Seidel
Scott R. Dismukes, Esq.

SEVERSTAL NORTH AMERICA, INC.
CIVIL ACTION NOS. 00-75452 AND 00-75454

QUARTERLY REPORT FOR OCTOBER 1 – DECEMBER 31, 2004

SECTION IV MONITORING	RESULTS
Conduct VE Observations of "C" Blast Furnace Bleeders	See attached VE data sheets
Conduct Weekly VE Observations of "B" Blast Furnace Casthouse	See attached VE data sheets
Conduct Weekly VE Observations of BOF Roof Monitors	See attached VE data sheets
Conduct Weekly VE Observations of "C" Blast Furnace Casthouse	See attached VE data sheets
VE Observations of "B" and "C" Roof Monitors when burning open taphole	See attached VE data sheets
O&M practices and Control Technologies For B BF	See Exhibit A
O&M practices and Control Technologies For C BF	See Exhibit B

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my directions and my inquiry of the person (s) who manage the system or are directly responsible for gathering the information, the information submitted in this document is true, accurate and complete to the best of my knowledge and belief. I understand that there are penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.



Ronald J. Nock, Chief Operating Officer

1-28-2005

Date

**EXHIBIT A
SEVERSTAL NORTH AMERICA, INC.**

CIVIL ACTION NOS. 00-75452 AND 00-75454

**OCTOBER 1 - DECEMBER 31, 2004
O AND M MONITORING
B BLAST FURNACE**

REQUIREMENT	RESULTS
GENERAL	
Use of natural gas suppression	Used every cast, except for fifteen casts the taphole and trough suppression was not used. Twelve casts due to start up, two casts due to malfunction, and one cast due to damaged lance.
Tap hole/trough natural gas suppression flow rate \geq 135 scfm	Met on every cast, except for brief periods, with the exception of seventeen casts. The flow rate on each cast achieved or exceeded a flow rate of 135 scfm for a majority of each cast. Twelve exceptions due to start up, two casts due to malfunction, and one cast due to a damaged lance. Two casts had flow rate averages of 80 cfm and 105 cfm. These were temporary conditions and our investigation did not determine a specific cause.
Record taphole/trough natural gas suppression flow rate once per cast	Recorded every cast except for thirty-three casts when there was a computer or flow meter malfunction.
Iron runners/iron spouts natural gas suppression flow rate \geq 207 scfm	Met on every cast, except for brief periods, with the exception of thirty-seven casts. The flow rate on each cast achieved or exceeded a flow rate of 207 scfm for a majority of each cast. The thirty-seven exceptions had average gas flow rates from 187 to 203 scfm. Thirty-five were temporary conditions and our investigation did not determine a specific cause. One was during start up and another due to a malfunction. In addition, eight casts had natural gas flow rates less than 207 scfm due to only one ladle car set up which necessitates less natural gas than two ladle cars.
Record iron runners/iron spouts natural gas suppression flow rate once per cast	Recorded every cast except for 3 casts when there was a computer malfunction.
Gas lance usage requirements	All lances used every cast, except for one cast where the trough log lances were not in place due to start up
Trough and Iron runner covers in place	No east iron runner covers for three casts due to an abnormal operating condition and no iron runner covers for two casts due to shutdown
TAPHOLE AREA	
Taphole Burned open	7:30 - 9:00 PM on 10/6/04, 9:40 PM on 10/9/04 (start time was not recorded), 5:25 - 5:35 AM on 10/10/04, 6:05 - 6:30 PM on 10/14/04, 9:25 - 9:35 PM on 10/14/04, 6:15 - 6:25 AM on 10/16/04, 8:30 - 8:50 AM on 10/24/04, 4:10 - 4:20 PM on 11/7/04, 6:00 - 6:30 PM on 11/7/04, 8:05 - 8:30 PM on 11/9/04, 10:00 - 10:45 PM on 11/14/09, 11:55 - 12:15 PM on 11/14/04, 9:25 - 9:55 AM on 11/13/04, 6:15 - 6:30 PM on 11/15/04, 12:10 - 12:25 AM on 11/16/04, 1:43 - 1:58 AM on 11/28/04, 10:00 - 10:05 AM on 11/29/04, 10:30 - 11:10 AM on 12/20/04, 11:10 - 11:15 AM on 12/27/04

EXHIBIT A
SEVERSTAL NORTH AMERICA, INC.

CIVIL ACTION NOS. 00-75452 AND 00-75454

OCTOBER 1 - DECEMBER 31, 2004
O AND M MONITORING
B BLAST FURNACE

REQUIREMENT	RESULTS
Visible emission observations within 5 minutes of starting burning open of taphole	VE readings were recorded during daylight hours except for 8:30 to 8:50 AM on 10/24/04, 4:10 to 4:20 PM on 11/7/04, 11:55 to 12:15 PM on 11/14/04, 9:25 to 9:55 AM on 10/13/04, and 11:10 to 11:15 AM on 12/27/04 because notification could not be made in time to perform the readings. In addition, a partial reading was performed from 10:00 to 10:45 AM on 11/14/04.
drill bit <= 2" diameter	Three casts used a 2 1/4" diameter and one cast used a 2 3/4" diameter during startup conditions.
Natural gas suppression operating continuously during specified times	Used every cast, except for fifteen casts the taphole suppression was not used. Twelve casts due to start up, two casts due to malfunction, and one cast due to damaged lance.
TROUGH	
Natural gas suppression operating continuously during specified times	Used every cast, except for 15 casts the trough suppression was not used. 12 casts due to start up, 2 casts due to malfunction, and one cast due to damaged lance.
Sealing of covered area	Met every cast
IRON RUNNERS	
Natural gas suppression operating continuously during specified times	Used every cast
IRON SPOUTS	
Natural gas suppression operating continuously during specified times	Used every cast
Heating of iron ladles	Met every cast

**EXHIBIT B
SEVERSTAL NORTH AMERICA, INC.**

CIVIL ACTION NOS. 00-75452 AND 00-75454

**OCTOBER 1 TO DECEMBER 31, 2004 O AND M MONITORING
C BLAST FURNACE**

REQUIREMENT	RESULTS
GENERAL	
Use of natural gas suppression	Trough suppression not operating for one cast due to a malfunction, and three casts due to abnormal operating condition. Taphole suppression not operating one cast due to abnormal operating condition.
Tap hole/trough natural gas suppression flow rate \geq 129 scfm	Met on every cast except for one cast due to abnormal operating condition.
Record taphole/trough natural gas suppression flow rate once per cast	Met every cast except for ten casts due to computer problems.
Iron runners/iron spouts natural gas suppression flow rate \geq 355 scfm	Met on every cast.
Record iron runners/iron spouts natural gas suppression flow rate once per cast	Met every cast except for ten casts due to computer problems.
Gas lance usage requirements	Used every cast except for one cast when trough log fell into trough.
Iron runner covers in place	No iron runner covers on three casts during start up
TAPHOLE AREA	
Taphole Burned Open	10:55 - 11:00 AM on 11/5/04, 10:20 - 10:30 AM on 11/6/04, 8:10 - 8:25 AM on 11/6/04, 12:15 - 12:30 PM on 11/9/04, 6:55 - 7:05 PM on 11/10/04, 1:15 - 1:30 PM on 11/13/04, 9:35 - 9:40 AM on 11/12/04, 3:40 - 3:50 AM on 11/20/04, 1:45 - 1:55 PM on 11/22/04, 9:05 - 9:15 PM on 11/26/04, 11:35 - 11:45 PM on 12/13/04, 2:15 - 2:30 AM on 12/19/04, 8:30 - 8:35 AM on 12/19/04, 12:50 - 12:55 AM on 12/21/04, 3:50 - 4:20 PM on 12/30/04, 6:40 - 6:55 PM on 12/30/04
Visible emission observations within 5 minutes of starting burning open of taphole	VE readings were recorded during daylight hours except for 10:20 to 10:30 AM on 11/6/04, 12:15 to 12:30 PM on 11/9/04, 1:15 to 1:30 PM on 11/13/04, 1:45 to 1:55 PM on 11/22/04, and 3:50 to 4:20 PM on 12/30/04 because notification could not be made in time to perform the readings.
drill bit \leq 2 1/4" diameter	Met every cast
Fire resistant gasket on mudgun	Used every cast

EXHIBIT B
SEVERSTAL NORTH AMERICA, INC.

CIVIL ACTION NOS. 00-75452 AND 00-75454

OCTOBER 1 TO DECEMBER 31, 2004 O AND M MONITORING
C BLAST FURNACE

REQUIREMENT	RESULTS
Natural gas suppression operating continuously during specified times	Taphole suppression not operating one cast due to abnormal operating condition.
TROUGH	
Natural gas suppression operating continuously during specified times	Trough suppression not operating for one cast due to a malfunction, and three casts due to abnormal operating condition.
Sealing of covered area	Met every cast
IRON RUNNERS	
Natural gas suppression operating continuously during specified times	Used every cast
IRON SPOUTS	
Natural gas suppression operating continuously during specified times	Used every cast
Heating of iron ladles	Met every cast



MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
AIR QUALITY DIVISION

**RENEWABLE OPERATING PERMIT
REPORT CERTIFICATION**

Authorized by 1994 P.A. 451, as amended. Failure to provide this information may result in civil and/or criminal penalties.

Reports submitted pursuant to R 336.1213 (Rule 213), subrules (3)(c) and/or (4)(c), of Michigan's Renewable Operating Permit (ROP) program must be certified by a responsible official. Additional information regarding the reports and documentation listed below must be kept on file for at least 5 years, as specified in Rule 213(3)(b)(ii), and be made available to the Department of Environmental Quality, Air Quality Division upon request.

Source Name SeverStal North America, Inc. County Wayne

Source Address 3001 Miller Road City Dearborn

AQD Source ID (SRN) A8640 ROP No. 199700004 ROP Section No. 1

Please check the appropriate box(es):

Annual Compliance Certification (Pursuant to Rule 213(4)(c))

Reporting period (provide inclusive dates): From _____ To _____

1. During the entire reporting period, this source was in compliance with ALL terms and conditions contained in the ROP, each term and condition of which is identified and included by this reference. The method(s) used to determine compliance is/are the method(s) specified in the ROP.

2. During the entire reporting period this source was in compliance with all terms and conditions contained in the ROP, each term and condition of which is identified and included by this reference, EXCEPT for the deviations identified on the enclosed deviation report(s). The method used to determine compliance for each term and condition is the method specified in the ROP, unless otherwise indicated and described on the enclosed deviation report(s).

Semi-Annual (or More Frequent) Report Certification (Pursuant to Rule 213(3)(c))

Reporting period (provide inclusive dates): From _____ To _____

1. During the entire reporting period, ALL monitoring and associated recordkeeping requirements in the ROP were met and no deviations from these requirements or any other terms or conditions occurred.

2. During the entire reporting period, all monitoring and associated recordkeeping requirements in the ROP were met and no deviations from these requirements or any other terms or conditions occurred, EXCEPT for the deviations identified on the enclosed deviation report(s).

Other Report Certification

Reporting period (provide inclusive dates): From 10/1/04 To 12/31/04

Additional monitoring reports or other applicable documents required by the ROP are attached as described:
United States of America and County of Wayne and Michigan Department of Environment
Quality v. Rouge Steel Company - Civil Action Nos. 00-75452 and 00-75454, USAO File No.
1999 00492, DOJ Case No.90-5-2-1-2211/1 - Quarterly Report

I certify that, based on information and belief formed after reasonable inquiry, the statements and information in this report and the supporting enclosures are true, accurate and complete

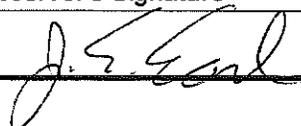
<u>Ronald J. Nock</u>	<u>Chief Operating Officer</u>	<u>(313) 594-2925</u>
Name of Responsible Official (print or type)	Title	Phone Number
		<u>1-28-2005</u>
Signature of Responsible Official		Date

* Photocopy this form as needed.

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 12-20-04
 OBSERVER: J. Earl
 START: 10:36 (am) pm
 FINISH: 11:09 (am) pm
 Source:
 BBT Roof
 Monitor
 Observation Point
 Unpaved parking
 area
 distance from: 400'
 direction from: SE
 source height:
 75'
 wind direction W
 wind speed 10
 sky condition Overcast
 amb. temp. (F) 10
 color of emissions
 Red
 other:
 Burning open
 top hole
 Remarks:

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30					
1						31					
2						32					
3						33					
4						34					
5						35					
6					10:	36	0	0	0	0	
7						37	0	0	0	0	
8						38	0	0	0	0	
9						39	0	0	0	0	
10						40	0	0	0	0	
11						41	0	0	0	0	
12						42	10	10	30	20	
13						43	20	50	40	10	
14						44	60	90	90	100	
15						45	90	10	0	0	
16						46	0	0	40	100	
17						47	100	30	0	0	
18						48	0	0	0	0	
19						49	0	0	0	0	
20						50	0	0	0	0	
21						51	0	0	0	0	
22						52	70	100	95	100	
23						53	100	85	20	5	
24						54	80	100	95	15	
25						55	5	0	0	0	
26						56	0	0	0	0	
27						57	0	55	100	40	
28						58	100	75	25	5	
29						59	100	90	95	30	

Observer's Signature


Last Certification Date Oct. 2004

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 12-20-04
 OBSERVER: J. Earl
 START: 10:36 am pm
 FINISH: 11:09 am pm
 Source: BAF Roof Monitor
 Observation Point: Unpaved Parking Area
 distance from: 400'
 direction from: SE
 source height: 75'
 wind direction: W
 wind speed: 10
 sky condition: overcast
 amb. temp. (F): 10
 color of emissions: Red
 other: Burning open topsoil
 Remarks:

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	100	100	100		30					
1	85	45	0	90		31					
2	100	100	90	35		32					
3	10	100	100	100		33					
4	100	70	45	0		34					
5	0	0	0	0		35					
6	0	0	0	0		36					
7	0	0	0	0		37					
8	0	0	0	0		38					
9	0	0	0	0		39					
10						40					
11						41					
12						42					
13						43					
14						44					
15						45					
16						46					
17						47					
18						48					
19						49					
20						50					
21						51					
22						52					
23						53					
24						54					
25						55					
26						56					
27						57					
28						58					
29						59					

Observer's Signature: *J. Earl*

Last Certification Date: Oct 2004

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 11/29/04
 OBSERVER: ROSANA
 START: 10:04 am pm
 FINISH: 10:38 pm pm
 Source:
 B BLAST FURNACE
 Observation Point
 UNPAVED RD BY MILLER RD
 distance from: 120'
 direction from: SE
 source height: 75'
 wind direction SE
 wind speed 5-10
 sky condition CLEAR
 amb. temp. (F)
 color of emissions White
 unless stated otherwise other;
 W - WEST CAR
 E - EAST CAR
 Remarks:
 Burn open
 Tap hole
 10:00 to 10:05 AM
 Observer's Signature

Page #1

10:00 AM

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	5	5	5	5	
1						31	5	5	5	5	
2						32	5	5	5	5	
3						33	5	20	40	5	Brown.
4		10	15	15	BROWN.	34	5	0	0	0	
5	0	5	5	0	W	35	0	0	0	0	
6	0	0	0	0		36	0	0			
7	0	0	0	0		37					
8	0	0	0	0		38					
9	0	0	0	0		39					
10	0	0	0	0		40					
11	0	0	0	0		41					
12	0	0	0	0		42					
13	0	0	0	0		43					
14	0	0	0	0		44					
15	0	0	0	0		45					
16	0	0	0	5	Yellow	46					
17	5	5	5	5	Yellow	47					
18	5	5	5	5		48					
19	5	5	5	5		49					
20	5	5	5	5		50					
21	5	5	5	5		51					
22	5	5	5	5		52					
23	5	5	5	5		53					
24	5	5	5	5		54					
25	5	5	5	5		55					
26	5	5	5	5		56					
27	5	5	5	5		57					
28	5	5	5	5		58					
29	5	5	5	5		59					

Rosana Moffat

Last Certification Date 0/05/04

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 11-14

OBSERVER:

START: 10:03am pm

FINISH: 10:14am pm

Source:
B-Furnace

Observation Point
B-Road Stage area

distance from:

direction from:

source height:

wind direction N-E

wind speed

sky condition

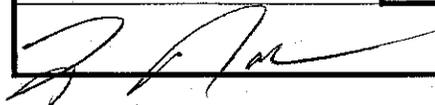
amb. temp. (F)

color of emissions
Brown/Black

other;

Remarks;
Burn open top hole

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	75	75	75	65		30					
1	0	0	0	0		31					
2	0	0	0	0		32					
3	0	0	0	0		33					
4	0	0	0	0		34					
5	75	75	70	0		35					
6	0	0	0	0		36					
7	30	40	50	55		37					
8	50	0	0	0		38					
9	0	0	40	65		39					
10	55	50	20	0		40					
11						41					
12						42					
13						43					
14						44					
15						45					
16						46					
17						47					
18						48					
19						49					
20						50					
21						51					
22						52					
23						53					
24						54					
25						55					
26						56					
27						57					
28						58					
29						59					

Observer's Signature


Last Certification Date _____

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 11-5-04
 OBSERVER: J. Earl
 START: 11:03 (am) pm
 FINISH: 11:10 (am) pm
 Source:
 C BF Roof Monitor
 Observation Point
 Parking Lot -
 Storage Area
 distance from: 400'
 direction from: SE
 source height:
 90'
 wind direction NW
 wind speed 15-20
 sky condition Clear
 amb. temp. (F) 40
 color of emissions
 Red, Black
 other;
 Burning open
 Taphole
 Remarks;
 Observer's Signature

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30					
1						31					
2						32					
3	30	10	0	0		33					
4	0	0	0	0		34					
5	0	0	35	35	Hole open	35					
6	15	5	0	0		36					
7	0	0	0	0		37					
8	0	0	0	0		38					
9	0	0	0	0		39					
10	0	0	0	0		40					
11						41					
12						42					
13						43					
14						44					
15						45					
16						46					
17						47					
18						48					
19						49					
20						50					
21						51					
22						52					
23						53					
24						54					
25						55					
26						56					
27						57					
28						58					
29						59					

J. Earl

Last Certification Date Oct. 2004

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 12/28/04
 OBSERVER: ROSANA MOTT
 START: 10:00 am pm
 FINISH: am 12:00 pm
 Source:
 South of Laundry
 Observation Point
 BOF ROOF MONITORS
 distance from: 800'
 direction from: SE
 source height:
 250'
 wind direction W
 wind speed 15-20
 sky condition OVERCAST
 amb. temp. (F)
 color of emissions White
 unless stated otherwise
 other:
 S - South Monitor
 N - North Monitor
 C - Center Monitor
 Remarks:
 Heat Nos.
 21730
 21731

PAGE #1

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	20	20	15	10	C, Gray
1	0	0	0	0		31	0	0	0	0	
2	0	0	0	0		32	0	0	0	0	
3	0	0	0	0		33	0	0	0	0	
4	0	0	0	0		34	0	0	0	0	
5	0	0	0	0		35	0	0	0	0	
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	0		37	0	0	0	0	
8	0	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	0	0	0	0		40	0	0	0	0	
11	0	0	0	0		41	0	0	0	0	
12	0	0	0	0		42	0	0	0	5	C, Brown
13	0	0	0	0		43	5	5	5	5	C, Brown, N
14	0	0	0	5	BROWN C	44	5	5	5	5	
15	5	5	5	5	" "	45	5	5	5	5	
16	0	0	0	0		46	5	0	0	0	
17	0	0	0	0		47	0	0	0	0	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	0	0	0	
20	0	0	0	0		50	0	0	0	0	
21	0	0	0	0		51	0	0	0	0	
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0		53	0	0	0	10	Yellow
24	0	0	0	0		54	5	5	5	5	" "
25	0	0	0	0		55	5	5	0	0	" "
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	5	15	C BROWN	58	0	0	0	0	
29	20	20	20	20	" "	59	0	0	0	0	

Observer's Signature
 Rosana Mott

Last Certification Date 10/05/04

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 12/28/04
 OBSERVER: ROSANNA MORFITT
 START: 10:00 am pm
 FINISH: am 12:00 pm
 Source: BOF ROOF MONITORS
 Observation Point: South of Hwy.
 distance from: 800'
 direction from: SE
 source height: 250'
 wind direction: W
 wind speed: 15-20
 sky condition: Overcast
 amb. temp. (F):
 color of emissions: White
 unless stated otherwise
 other:
 S - South Monitor
 N - North Monitor
 C - Center Monitor
 Remarks:
 Observer's Signature: Rosanna Morfitt

Page #2

11:00 AM

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	0	0	
1	0	0	0	0		31	0	0	0	0	
2	0	0	0	0		32	0	0	0	0	
3	0	0	0	0		33	0	0	0	0	
4	0	0	0	0		34	0	0	0	0	
5	0	0	0	0		35	0	0	0	0	
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	0		37	0	0	0	0	
8	0	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	0	0	0	15	C	40	0	0	0	0	
11	15	15	20	10	C, Brown	41	0	0	0	0	
12	10	0	0	0	" "	42	0	0	0	0	
13	0	0	0	0		43	0	0	0	0	
14	0	0	0	0		44	0	0	0	0	
15	0	0	0	0		45	0	0	0	0	
16	0	0	0	0		46	0	0	0	0	
17	0	0	0	0		47	0	0	0	0	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	0	0	0	
20	0	0	0	0		50	0	0	0	0	
21	0	0	0	0		51	0	0	0	0	
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Last Certification Date 10/05/04

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

PAGE #1

DATE: 12/21/04
 OBSERVER: ROSANA MOTT
 START: 10:00 am pm
 FINISH: am 12:00 pm
 Source: BOF ROOF MONITORS
 Observation Point: SOUTH OF LEVI
 distance from: 800'
 direction from: SE
 source height: 250'
 wind direction: SW
 wind speed: 5-10
 sky condition: CLEAR
 amb. temp. (F):
 color of emissions:
 other:
 N - North Monitor
 S - South Monitor
 C - Center Monitor
 Remarks:
 Hat No.
 61478
 61479
 Observer's Signature

10:00 AM

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	0	0	
1	0	0	0	0		31	0	0	0	0	
2	0	0	0	0		32	0	0	0	0	
3	0	0	0	0		33	0	0	0	0	
4	0	0	0	0		34	0	0	0	0	
5	0	0	0	0		35	0	0	0	20	C
6	0	0	0	0		36	20	10	10	10	
7	0	0	0	0		37	5	5	5	5	
8	0	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	10	5	5	15	Orange C	40	0	0	0	0	
11	5	10	10	10	"O"	41	0	0	0	0	
12	0	0	0	0		42	0	0	0	0	
13	0	0	0	0		43	0	0	0	0	
14	0	0	0	0		44	0	0	0	0	
15	0	0	0	0		45	0	0	0	0	
16	0	0	0	0		46	0	0	0	0	
17	0	0	0	0		47	0	0	0	0	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	5	0	0	0	C
20	0	0	0	0		50	0	0	0	0	
21	0	0	0	0		51	0	0	0	0	
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	10	15	15	10	C
25	0	0	0	0		55	10	10	10	5	C
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Rosana Mott

Last Certification Date 10/05/04

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 12/21/04
 OBSERVER: ROSANA MOFFAT
 START: 10:00 am pm
 FINISH: am 12:00 pm
 Source:
 BOF ROOF MONITORS
 Observation Point
 SOUTH OF LEVY
 distance from: 800'
 direction from: SE
 source height:
 250'
 wind direction: SW
 wind speed: 5-10
 sky condition: CLEAR
 amb. temp. (F):
 color of emissions: White
 unless stated otherwise
 other:
 Remarks;
 Heat Nos.
 61478
 61479
 Observer's Signature

PAGE #2

11:00 AM

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	0	0	
1	0	0	0	0		31	0	0	0	0	
2	0	0	0	0		32	0	0	0	0	
3	0	0	0	0		33	0	0	0	0	
4	0	0	5	5	C	34	0	0	0	0	
5	0	0	0	0		35	0	0	0	0	
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	0		37	0	0	0	0	
8	0	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	0	0	0	0		40	0	0	0	5	
11	0	0	0	0		41	0	0	0	0	
12	0	0	0	0		42	0	0	0	0	
13	0	0	0	0		43	0	0	0	0	
14	0	0	0	0		44	0	0	0	0	
15	0	0	0	0		45	0	0	0	0	
16	0	0	0	0		46	0	0	0	0	
17	0	0	0	0		47	0	0	0	0	
18	0	5	0	0	C	48	0	0	0	0	
19	0	10	20	20	C	49	0	0	0	0	
20	20	15	10	0	C	50	0	0	0	0	
21	0	0	0	0		51	0	0	0	0	
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Last Certification Date 10/05/04

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 12/14/04.
 OBSERVER: ROSANA MORFITT
 START: 8:20 am pm
 FINISH: am pm
 Source:
 BOF ROOF MONITORS
 Observation Point
 SOUTH OF LEVI
 distance from: 800'
 direction from: SE
 source height:
 250'
 wind direction NE
 wind speed 15-20
 sky condition OVERCAST
 amb. temp. (F) 23
 color of emissions white
 unless stated otherwise
 other;
 N - NORTH MONITOR
 S - SOUTH MONITOR
 C - CENTER MONITOR.
 Remarks;
 Heat NOs.
 21494
 21495
 61357
 Observer's Signature

PAGE #1

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	0	0	0	0	
1						31	0	0	0	0	
2						32	0	0	0	0	
3						33	0	0	0	0	
4						34	0	0	0	0	
5						35	0	0	0	0	
6						36	0	0	0	0	
7						37	0	0	0	0	
8						38	0	0	0	0	
9						39	0	0	0	0	
10						40	0	0	0	0	
11						41	0	0	0	0	
12						42	0	0	0	0	
13						43	0	0	0	0	
14						44	0	0	0	0	
15						45	0	0	0	0	
16						46	0	0	0	0	
17						47	5	5	5	5	C
18						48	5	5	5	5	C
19						49	0	0	0	0	
20	0	0	0	0		50	0	0	0	0	
21	0	0	0	0		51	0	0	0	0	
22	0	0	0	0		52	0	5	5	0	C
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Rosana Morfitt

Last Certification Date 10/05/04

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 12/14/04.
 OBSERVER: Rosana Moffatt
 START: 9:20 am pm
 FINISH: 11:20 am pm
 Source:
 BOF ROOF MONITORS
 Observation Point
 SOUTH OF BOF
 LEVY
 distance from: 800'
 direction from: SE
 source height:
 250'
 wind direction NE
 wind speed 15-20
 sky condition OVERCAST
 amb. temp. (F) 23
 color of emissions White
 unless stated otherwise
 other;
 N - North Monitor
 S - South Monitor
 C - Center Monitor
 Remarks;
 Observer's Signature

9:00 AM

PAGE #2

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	0	0	
1	0	0	0	0		31	0	0	0	0	
2	0	0	0	0		32	0	0	0	0	
3	0	0	0	0		33	5	5	0	0	C
4	0	0	0	0		34	0	0	0	0	
5	0	0	0	0		35	0	0	0	0	
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	0		37	0	0	0	0	
8	0	0	0	0		38	0	0	0	0	
9	0	0	0	10	Brown, C	39	0	0	0	0	
10	10	10	10	10	" "	40	0	0	0	0	
11	10	5	5	5	" "	41	0	0	0	0	
12	5	5	5	5	" "	42	0	0	0	0	
13	0	0	0	0		43	0	0	0	0	
14	0	0	0	0		44	0	0	0	0	
15	0	0	0	0		45	0	0	0	0	
16	0	0	0	0		46	0	5	15	15	C
17	0	0	0	0		47	20	20	15	15	C
18	0	0	0	0		48	15	10	10	10	C
19	0	0	0	0		49	0	0	0	0	
20	0	0	0	0		50	0	0	0	0	
21	0	0	0	0		51	0	0	0	0	
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Rosana Moffatt

Last Certification Date 10/05/04

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 12/10/04
 OBSERVER: ROSANA MOFFAT
 START: 10:00 am pm
 FINISH: am 12:00 pm
 Source:
 BOF ROOF MONITORS.
 Observation Point
 SOUTH END OF
 BOAT SLIP
 distance from: 800'
 direction from: SE
 source height:
 250'
 wind direction E
 wind speed 10-15
 sky condition OVERCAST
 amb. temp. (F)
 color of emissions white
 unless stated otherwise
 other;
 N - North Monitor
 S - South Monitor
 C - Center Monitor.
 Remarks;
 Heat NOS.
 21367
 21368
 Observer's Signature

10:00 AM

PAGE #1

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	0	0	
1	0	0	0	0		31	0	0	0	0	
2	0	0	0	0		32	0	0	0	0	
3	0	0	0	0		33	0	0	0	0	
4	0	0	0	0		34	0	0	0	0	
5	0	0	0	0		35	0	0	0	0	
6	0	0	0	0		36	5	5	0	0	C
7	5	5	0	0	C	37	0	0	0	0	
8	0	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	0	0	5	C, Brown
10	0	0	0	0		40	5	15	15	15	
11	0	0	0	0		41	10	0	0	0	
12	0	0	0	0		42	0	0	0	0	
13	0	0	0	0		43	0	0	0	5	C, Brown
14	0	0	0	0		44	5	0	0	0	
15	0	0	0	0		45	0	0	0	0	
16	0	0	0	0		46	0	0	0	0	
17	0	0	0	0		47	0	0	0	0	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	0	0	0	
20	0	0	0	0		50	0	0	0	0	
21	0	0	0	0		51	0	0	0	0	
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Last Certification Date 10/05/04

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 12/16/04
 OBSERVER: ROSANA MOFFAT
 START: 10:00am pm
 FINISH: am 12:00pm
 Source:
 BOE ROOF MONITORS.
 Observation Point
 SOUTH END OF BOAT SLIP
 distance from: 800'
 direction from: SE
 source height:
 250'
 wind direction E
 wind speed 10-15
 sky condition OVERCAST
 amb. temp. (F)
 color of emissions white
 unless stated otherwise:
 other;
 Remarks;
 Observer's Signature

11:00 AM

PAGE #2

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	10	10	0	0	C, BROWN
1	0	0	0	0		31	0	0	0	0	
2	0	0	0	0		32	0	0	0	0	
3	0	0	0	0		33	0	0	0	0	
4	0	0	0	0		34	0	0	0	0	
5	0	0	0	0		35	0	0	0	0	
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	0		37	0	0	0	0	
8	0	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	0	0	0	0		40	0	0	0	0	
11	0	0	0	0		41	10	5	5	5	C, BROWN
12	0	0	0	0		42	5	5	5	5	
13	0	0	0	0		43	5	5	0	0	
14	0	0	0	0		44	0	0	0	0	
15	0	0	0	0		45	0	0	0	0	
16	0	0	0	0		46	0	0	0	0	
17	0	0	0	0		47	0	0	0	0	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	0	0	0	
20	0	0	0	0		50	0	0	0	0	
21	0	0	0	0		51	0	0	0	0	
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	5	5	C, BROWN	59	0	0	0	0	

Rosana Moffat

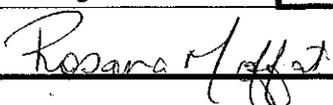
Last Certification Date 10/05/04

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 11/30/04
 OBSERVER: ROSANA MOFFAT
 START: am 1:00 pm
 FINISH: am 3:00 pm
 Source: BOF REEF MONITORS
 Observation Point: HOT STRIP MILL
 distance from: 800'
 direction from: NW
 source height: 250'
 wind direction: S + SE
 wind speed: 5-10
 sky condition: OVERCAST
 amb. temp. (F):
 color of emissions: white
 unless stated otherwise:
 N - North Monitor
 S - South Monitor
 C - Center Monitor
 Remarks:
 Heat MS.
 21289
 21290
 21291

1:00 PM.

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	0	0	
1	0	0	0	0		31	0	0	0	0	
2	0	0	0	0		32	0	0	0	0	
3	0	0	0	0		33	0	0	0	0	
4	0	0	0	0		34	0	0	0	0	
5	0	0	0	0		35	0	0	0	0	
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	0		37	0	0	0	0	
8	0	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	0	0	0	0		40	0	0	0	0	
11	0	0	0	0		41	0	0	0	0	
12	0	0	0	0		42	20	20	40	40	C
13	0	0	0	0		43	50	30	20	20	C
14	0	0	0	0		44	20	20	20	20	C
15	0	0	0	0		45	20	20	20	20	C
16	0	0	0	0		46	20	20	40	30	BROWN, C
17	0	0	0	0		47	15	10	10	5	BROWN, C
18	0	0	0	0		48	5	0	0	0	
19	0	0	0	0		49	0	0	0	0	
20	0	0	0	0		50	0	0	0	0	
21	0	0	0	0		51	0	0	0	0	
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	10	BROWN, C
29	0	0	0	0		59	10	0	0	0	

Observer's Signature


Last Certification Date 10/25/04

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 11/30/04
 OBSERVER: Rosana Moffatt
 START: am 1:00 pm
 FINISH: am 3:00 pm
 Source:
 BOF ROOF MONITORS
 Observation Point
 BY HOT STRIP MILL
 distance from: 800'
 direction from: NW
 source height:
 250'
 wind direction SE
 wind speed 5-10
 sky condition OVERCAST
 amb. temp. (F)
 color of emissions White
 unless otherwise stated
 other;
 N - North Monitor
 S - South Monitor
 C - Center Monitor
 Remarks;
 Observer's Signature

2:00PM PAGE #2

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	0	0	
1	0	10	10	10	C,N Brown	31	5	5	5	5	
2	10	15	15	20	C,N Brown	32	5	5	5	0	
3	30	20	10	10	" "	33	0	0	0	0	
4	10	15	15	15	" "	34	0	0	0	0	
5	10	10	10	10	" "	35	0	0	0	0	
6	10	10	10	5	" "	36	0	0	0	0	
7	5	5	5	5		37	0	0	0	0	
8	5	5	5	5		38	0	0	0	0	
9	5	5	5	5		39	0	0	0	0	
10	0	0	0	0		40	0	0	0	0	
11	0	0	0	0		41	0	0	0	0	
12	0	0	0	0		42	0	0	0	0	
13	0	0	0	0		43	0	0	0	0	
14	0	0	0	0		44	0	0	0	0	
15	0	0	0	0		45	0	0	0	0	
16	0	0	0	0		46	0	0	0	0	
17	0	0	0	0		47	0	0	0	0	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	0	0	0	
20	0	0	0	0		50	0	0	0	0	
21	0	0	0	0		51	0	0	0	0	
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Rosana Moffatt

Last Certification Date 10/5/04

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 11/25/04.

OBSERVER: ROSANA MORFITT

START: 8:00 am pm

FINISH: 10:00 am pm

Source:
BoF ROOF MONITORS

Observation Point
SOUTH OF LEVY

distance from: 800'

direction from: SE

source height:
250'

wind direction W

wind speed 5-10

sky condition CLEAR

amb. temp. (F)

color of emissions white

unless stated otherwise other;

N - North Monitor
S - South Monitor
C - Center Monitor

Remarks;
Heat NOS.
21199
61026

Observer's Signature
Rosana Morfitt

PAGE #/

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	0	0	
1	0	0	0	0		31	0	0	0	0	
2	0	0	0	0		32	0	0	0	0	
3	0	0	0	0		33	0	0	0	0	
4	0	0	0	0		34	0	0	0	0	
5	0	0	0	0		35	0	0	0	0	
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	0		37	0	0	0	0	
8	0	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	0	0	0	0		40	0	0	0	0	
11	0	0	0	0		41	0	0	0	0	
12	0	0	0	0		42	0	0	0	0	
13	0	0	0	0		43	0	0	0	0	
14	0	0	0	0		44	0	0	0	0	
15	0	0	0	0		45	0	0	0	0	
16	0	0	0	0		46	0	0	0	0	
17	0	0	0	0		47	0	0	0	0	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	0	0	0	
20	0	0	0	0	C Brown	50	0	0	0	0	
21	0	5	5	5	"	51	0	0	0	0	
22	5	0	0	0	"	52	0	0	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Last Certification Date 10/05/04

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 11/25/04
 OBSERVER: ROSANA MOFFATT
 START: 8:00 am pm
 FINISH: 10:00 am pm
 Source:
 BOF ROOF MONITORS
 Observation Point
 SOUTH OF LEVY
 distance from: 800'
 direction from: SE
 source height:
 250'
 wind direction W
 wind speed 5-10
 sky condition CLEAR
 amb. temp. (F)
 color of emissions white
 unless stated otherwise
 other;
 N - North Monitor
 S - South Monitor
 C - Center Monitor
 Remarks;
 Observer's Signature

9:00 AM

PAGE #2

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	0	0	
1	0	0	0	0		31	0	0	0	0	
2	0	0	0	0		32	0	0	0	0	
3	0	0	0	0		33	0	0	0	0	
4	0	0	0	0		34	0	0	0	0	
5	0	0	5	5	C	35	0	0	0	0	
6	10	10	10	10	C	36	0	10	10	10	BROWN, C
7	5	5	0	0	C	37	10	10	10	10	" "
8	0	0	0	0		38	10	10	10	10	" "
9	0	0	0	0		39	10	5	5	5	" "
10	0	0	0	0		40	5	5	0	0	" "
11	0	0	0	0		41	0	0	0	0	
12	0	0	0	0		42	0	0	0	0	
13	0	0	0	0		43	0	0	0	0	
14	0	0	0	0		44	0	0	0	0	
15	0	0	0	0		45	0	0	0	0	
16	0	0	0	0		46	0	0	0	0	
17	0	0	0	0		47	0	0	0	0	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	0	0	0	
20	0	0	0	0		50	0	0	0	0	
21	0	0	0	0		51	0	0	0	0	
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Rosana Moffatt

Last Certification Date 11/05/04

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 11/15/04

OBSERVER: ROSANA MOTTAT

START: 11:00 am pm

FINISH: am 1:00 pm

Source:
BOE ROOF MONITORS

Observation Point
South of LEV.

distance from: 400'

direction from: SE

source height:
250'

wind direction W

wind speed 5-10

sky condition OVERCAST

amb. temp. (F)

color of emissions white

unless stated otherwise
other;

N - North Monitor
S - South Monitor
C - Center Monitor

Remarks;
Heat NOS.
21015
21016

Observer's Signature

11:00 AM

PAGE #1

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	○	○	○	○		30	○	○	○	○	
1	○	○	○	○		31	○	○	○	○	
2	○	○	○	○		32	○	○	○	○	
3	○	○	○	○		33	○	○	○	○	
4	○	○	○	○		34	○	○	○	○	
5	○	○	○	○		35	○	○	○	○	
6	○	○	○	○		36	○	○	○	○	
7	○	○	○	○		37	○	○	○	○	
8	○	○	○	○		38	○	○	○	○	
9	○	○	○	○		39	○	○	○	○	
10	○	○	○	○		40	○	○	○	○	
11	○	○	○	○		41	○	○	○	○	
12	○	○	○	○		42	○	○	○	○	
13	○	○	○	○		43	○	○	○	○	
14	○	○	○	○		44	○	○	○	○	
15	○	○	○	○		45	○	○	○	○	
16	○	○	○	○		46	○	○	○	○	
17	○	○	○	○		47	○	○	○	○	
18	○	○	○	○		48	○	○	○	○	
19	○	○	○	○		49	○	○	○	○	
20	○	○	○	○		50	○	○	○	○	
21	○	○	○	○		51	○	○	○	○	C, Buck
22	○	○	○	○		52	5	5	5	5	C, "
23	○	○	○	○		53	5	0	0	0	
24	○	○	○	○		54	○	○	○	○	
25	○	○	○	○		55	○	○	○	○	
26	○	○	○	○		56	○	○	○	○	
27	○	○	○	○		57	○	○	○	○	
28	○	○	○	○		58	○	○	○	○	
29	○	○	○	○		59	○	○	○	○	

Rosana Mottat

Last Certification Date 10/05/04

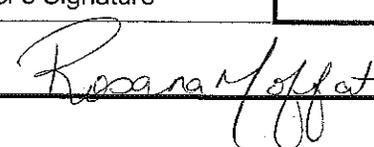
SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 11/15/04
 OBSERVER: ROSANA MOFFAT
 START: 11:00 am pm
 FINISH: am 1:00 pm
 Source:
 BOF ROOF MONITORS
 Observation Point
 SOUTH OF LEVY
 distance from: 400'
 direction from: SE
 source height:
 250'
 wind direction W
 wind speed 5-10
 sky condition OVERCAST
 amb. temp. (F)
 color of emissions White
 (unless stated otherwise other;
 N - North Monitor
 S - South Monitor
 C - Center Monitor
 Remarks;

12:00 PM

PAGE #2

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	0	0	
1	0	0	0	0		31	0	5	5	5	BROWN C
2	0	0	0	0		32	5	5	5	0	
3	0	0	0	0		33	0	0	0	0	
4	0	0	0	0		34	0	0	0	0	
5	0	0	0	0		35	0	0	0	0	
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	0		37	0	0	0	0	
8	0	0	0	5	C, Brown	38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	0	0	0	0		40	20	20	20	20	BROWN C
11	0	15	20	20	Black	41	20	20	20	20	
12	20	20	20	20		42	20	20	15	15	
13	20	20	10	10		43	15	10	10	10	
14	0	0	0	0		44	10	5	5	0	
15	0	0	0	0		45	0	0	0	0	
16	0	0	0	0		46	0	0	0	0	
17	0	0	0	0		47	0	0	0	0	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	0	0	0	
20	0	0	0	0		50	0	0	0	0	
21	0	0	0	0		51	0	10	30	20	Orange C
22	0	0	0	0		52	10	0	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	0	0	0		56	0	0	0	30	Yellow N
27	0	0	0	0		57	30	20	20	10	" , N
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Observer's Signature


Last Certification Date 10/05/09

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 11/10/04
 OBSERVER: ROSANA MOFFAT
 START: am 2:00 pm
 FINISH: am 4:00 pm
 Source: BOF ROOF MONITORS
 Observation Point: BY HOT STRIP MILLS
 distance from: 1000'
 direction from: NW
 source height: 213'
 wind direction: SW
 wind speed: 5-10
 sky condition: cloudy
 amb. temp. (F): 0
 color of emissions: White
 unless stated otherwise other:
N - North Monitor
S - South Monitor
C - Center Monitor
 Remarks:
Heat No.
20924
20925
 Observer's Signature: Rosana Moffat

2:00 PM

PAGE #1

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	0	0	
1	0	0	0	0		31	0	0	0	0	
2	0	0	0	0		32	0	0	0	0	
3	0	0	0	0		33	0	0	0	0	
4	0	0	0	0		34	0	0	0	0	
5	0	0	0	0		35	0	0	0	0	
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	0		37	0	0	0	0	
8	0	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	0	0	0	0		40	0	0	0	0	
11	0	0	0	0		41	0	0	0	0	
12	0	10	10	10	C	42	0	0	0	0	
13	10	10	10	10	C	43	0	0	0	0	
14	10	10	5	5	C	44	0	0	0	0	
15	5	0	0	0		45	0	0	0	0	
16	0	0	0	0		46	0	0	0	0	
17	0	0	0	0		47	0	0	0	0	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	0	0	0	
20	0	0	0	0		50	0	0	0	0	
21	0	0	0	0		51	0	0	0	0	
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Last Certification Date 10/05/02

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 11/10/04
 OBSERVER: ROSANA MOFFAT
 START: am 2:00 pm
 FINISH: am 4:00 pm
 Source: BOF ROOF MONITORS
 Observation Point: BY HOT STEEL MILL
 distance from: NW
 direction from: 1000'
 source height: 213'
 wind direction: SW
 wind speed: 5-10
 sky condition: Cloudy
 amb. temp. (F):
 color of emissions: White
 unless stated otherwise:
 N - North Monitor
 S - South Monitor
 C - Center Monitor
 Remarks:
 Observer's Signature: Rosana Moffat

3:00 PM PAGE #2

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	0	0	
1	0	0	0	0		31	0	0	0	0	
2	0	0	0	0		32	0	0	0	0	
3	0	0	0	0		33	0	0	0	0	
4	0	0	0	0		34	0	0	0	0	
5	0	0	0	0		35	0	0	0	0	
6	0	10	5	5	C Brown	36	0	0	0	0	
7	5	0	0	0	C "	37	0	0	0	0	
8	0	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	0	0	0	0		40	0	0	0	0	
11	0	0	0	0		41	0	0	0	0	
12	0	0	0	0		42	0	0	0	0	
13	0	0	0	0		43	0	0	0	0	
14	0	0	0	0		44	0	0	0	0	
15	0	0	0	0		45	0	0	0	0	
16	0	0	0	0		46	0	0	0	0	
17	0	0	0	0		47	0	0	0	0	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	0	0	0	
20	0	0	0	0		50	0	0	0	0	
21	0	0	0	0		51	0	0	0	0	
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Last Certification Date 10/05/04

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

Page #7

DATE: 11/16/04
 OBSERVER: ROSANNA MORFITT
 START: 8:00 am pm
 FINISH: 10:00 am pm
 Source: BOF ROOF MONITORS
 Observation Point: SOUTH OF LEVY
 distance from: 800'
 direction from: SE
 source height: 250'
 wind direction: W
 wind speed: 5-10
 sky condition: CLEAR
 amb. temp. (F):
 color of emissions: white
 unless stated otherwise
 other:
 N - North Monitor
 S - South Monitor
 C - Center Monitor
 Remarks:
 Heat NOS.
 60806
 20824
 Observer's Signature

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	0	0	
1	0	0	0	0		31	0	0	0	0	
2	0	0	0	0		32	0	0	0	0	
3	0	0	0	0		33	0	0	0	0	C.
4	0	0	0	0		34	10	10	5	0	
5	0	0	0	0		35	0	0	0	0	
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	0		37	0	0	0	0	
8	0	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	0	0	0	0		40	0	0	0	0	
11	0	0	0	0		41	0	0	0	0	
12	0	0	0	0		42	0	0	0	0	
13	0	0	0	0		43	0	0	0	0	
14	0	5	5	5	C	44	0	0	0	0	
15	5	5	10	10	C	45	0	0	0	0	
16	10	10	5	5	C	46	0	0	0	0	
17	0	0	0	0		47	0	0	0	0	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	0	0	0	
20	0	0	0	0		50	0	0	0	0	
21	0	0	0	0		51	0	0	0	0	
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Observer's Signature
 Rosanna Morfitt

Last Certification Date 10/05/04

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 11/6/04

OBSERVER: P. J. ...

START: 8:00 am pm

FINISH: 10:00 am pm

Source: ROOF MONITORS

Observation Point: SOUTH OF LEVY

distance from: 800'

direction from: SE

source height: 250'

wind direction: W

wind speed: 5-10

sky condition: CLEAR

amb. temp. (F):

color of emissions:

other; N - North Monitor
S - South Monitor
C - Center Monitor

Remarks;

Observer's Signature

PAGE #2

9:00 PM											
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		30	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		31	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		32	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		33	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		34	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
5	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		35	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
6	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		36	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
7	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		37	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
8	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		38	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
9	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		39	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
10	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		40	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
11	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		41	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
12	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		42	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
13	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		43	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
14	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		44	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
15	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		45	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
16	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		46	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
17	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		47	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
18	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		48	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
19	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		49	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
20	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		50	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
21	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		51	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
22	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		52	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
23	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		53	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
24	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		54	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
25	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		55	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
26	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		56	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
27	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		57	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
28	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		58	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
29	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		59	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

P. J. ...

Last Certification Date 10/05/04

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 10/28/04
 OBSERVER: Rosana Moffat
 START: 10:50 am pm
 FINISH: am 12:50 pm
 Source:
BOF ROOF MONITORS
 Observation Point
SOUTH OF LEVY
 distance from: 400'
 direction from: SE
 source height:
250'
 wind direction E
 wind speed 0-5
 sky condition OVERCAST
 amb. temp. (F)
 color of emissions White
 unless stated otherwise
 other;
N - North Monitor
S - South Monitor
C - Center Monitor
 Remarks;
Heat NDS.
60709
20647
 Observer's Signature
Rosana Moffat

PAGE #1

10:00 AM

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30					
1						31					
2						32					
3						33					
4						34					
5						35					
6						36					
7						37					
8						38					
9						39					
10						40					
11						41					
12						42					
13						43					
14						44					
15						45					
16						46					
17						47					
18						48					
19						49					
20						50	0	0	0	0	
21						51	0	0	0	0	
22						52	0	0	0	0	
23						53	0	0	0	0	
24						54	0	0	0	10	BROWN, C
25						55	5	5	5	5	
26						56	5	5	0	0	
27						57	0	0	0	0	
28						58	0	0	0	0	
29						59	0	0	0	0	

Last Certification Date 10/05/04

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 10/28/04
 OBSERVER: ROSANA MOFFAT
 START: 10:50 am pm
 FINISH: am 12:30 pm
 Source:
 BOF ROOF MONITORS
 Observation Point
 SOUTH OF LEVY
 distance from: 400'
 direction from: SE
 source height:
 250'
 wind direction E
 wind speed 0-5
 sky condition OVERCAST
 amb. temp. (F)
 color of emissions White
 unless stated otherwise
 other;
 N - North Monitor
 S - South Monitor
 C - Center Monitor
 Remarks;
 Observer's Signature

PAGE #2

12:00 PM

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	0	0	
1	0	0	0	0		31	0	0	0	0	
2	0	0	0	0		32	0	0	0	0	
3	0	0	0	0		33	0	0	0	0	
4	0	0	0	0		34	0	0	0	0	
5	0	0	0	0		35	0	0	0	0	
6	0	0	0	0	BROWN, C	36	0	0	0	0	
7	10	0	0	0	C	37	0	0	0	0	
8	0	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	0	0	0	0		40	0	0	0	0	
11	0	0	0	0		41	0	0	0	0	
12	0	0	0	0		42	0	0	0	0	
13	0	0	0	0		43	0	0	0	0	
14	0	0	0	0		44	0	0	0	0	
15	0	0	0	0		45	0	0	0	0	
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17	0	0	0	0		47	0	0	0	0	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	0	0	0	
20	0	0	0	10	C	50	0	0	0	0	
21	10	10	10	0	C	51	0	0	0	0	
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Rosana Moffat

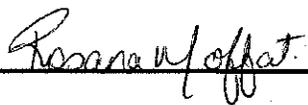
Last Certification Date 10/5/04

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 10/28/07.
 OBSERVER: ROSANA MOFFAT.
 START: 10:50 am pm
 FINISH: am 12:50 pm
 Source:
 BOF ROOF MONITORS.
 Observation Point
 SOUTH OF LEVY.
 distance from: 400'
 direction from: SE
 source height:
 250'
 wind direction: SE
 wind speed: 0-5
 sky condition: OVERCAST
 amb. temp. (F):
 color of emissions: White
 unless stated otherwise
 other:
 N - North Monitor
 S - South Monitor
 C - Center Monitor.
 Remarks:

12:00 PM Page #3

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	0	0	
1	0	0	0	0		31	0	0	0	0	
2	0	0	0	0		32	0	0	0	0	
3	0	0	0	0		33	0	0	0	0	
4	0	0	0	0		34	0	0	0	0	
5	0	0	0	0		35	0	0	0	0	
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	0		37	0	0	0	0	
8	0	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	0	10	10	10	C	40	0	0	0	0	
11	10	10	5	5	//	41	0	0	0	0	
12	5	5	5	5	//	42	0	0	0	0	
13	5	0	0	0	//	43	0	0	0	0	
14	0	0	0	0		44	0	0	0	0	
15	0	0	0	0		45	0	0	0	0	
16	0	0	0	0		46	0	0	0	0	
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18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	0	0	0	
20	0	0	0	0		50					
21	0	0	0	0		51					
22	0	0	0	0		52					
23	0	0	0	0		53					
24	0	0	0	0		54					
25	0	0	0	0		55					
26	0	0	0	0		56					
27	0	0	0	0		57					
28	0	0	0	0		58					
29	0	0	0	0		59					

Observer's Signature


Last Certification Date 10/05/07

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 10/23/04
 OBSERVER: Rosemary Mosier
 START: 8:00 am pm
 FINISH: 10:00 am pm
 Source:
 BDF ROOF MONITORS
 Observation Point
 South of Levy
 distance from: 800'
 direction from: SE
 source height:
 250'
 wind direction SE
 wind speed 5-10
 sky condition OVERCAST
 amb. temp. (F)
 color of emissions
 other:
 N - North Monitor
 S - South Monitor
 C - Center Monitor
 Remarks:
 Heat Nos.
 60632
 20551
 Observer's Signature

8:00 AM

Page #1

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	10	5	0	0	"
1	0	0	0	0		31	0	0	0	0	
2	0	0	0	0		32	0	0	0	0	
3	0	0	0	0		33	0	0	0	0	
4	0	5	5	5	C	34	0	0	0	0	
5	5	0	0	0	C	35	0	0	0	0	
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	0		37	0	0	0	0	
8	0	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	0	0	0	0		40	0	0	0	0	
11	0	0	0	0		41	0	0	0	0	
12	0	0	0	0		42	0	0	0	0	
13	0	0	0	0		43	0	0	0	0	
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17	0	0	0	0		47	0	0	0	0	
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22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	5	10	10	Brown, C	59	0	0	0	0	

Rosemary Mosier

Last Certification Date 10/05/04

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 10/22/04
 OBSERVER: ROSANA MOFFAT
 START: 8:00 am pm
 FINISH: 10:00 am pm
 Source:
 BOF ROOF MONITORS
 Observation Point
 SOUTH OF LEVY
 & SOUTH END OF CANAL
 distance from: 800'
 direction from: SE
 source height:
 250'
 wind direction SE
 wind speed 5-10
 sky condition OVERCAST
 amb. temp. (F) 48
 color of emissions White
 unless stated otherwise;
 N - North Monitor
 S - South Monitor
 C - Center Monitor
 Remarks;
 Observer's Signature

9:00 AM

PAGE #2

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	○	○	○	○		30	○	○	○	○	
1	○	○	○	○		31	○	○	○	○	
2	○	○	○	○		32	○	○	○	○	
3	○	○	○	○		33	○	○	○	○	
4	○	○	○	○		34	○	○	○	○	
5	○	○	○	○		35	○	○	○	○	
6	○	○	○	○		36	○	○	○	○	
7	○	○	○	○		37	○	○	○	○	
8	○	○	○	○		38	○	○	○	○	
9	○	○	○	○		39	○	○	○	○	
10	○	○	○	○		40	○	○	○	○	
11	○	○	○	○		41	○	○	○	○	
12	○	○	○	○		42	○	○	○	○	
13	○	○	○	○		43	○	○	○	○	
14	○	○	○	○		44	○	○	○	○	
15	○	○	○	○		45	○	○	○	○	
16	○	○	○	○		46	○	○	○	○	
17	○	○	○	○		47	○	○	○	○	
18	○	○	○	○		48	○	○	○	○	
19	○	○	○	○		49	○	15	10	10	BRNNG
20	○	○	○	○		50	○	○	○	○	
21	○	○	○	○		51	○	○	○	○	
22	○	○	○	○		52	○	○	○	○	
23	○	○	○	○		53	○	○	○	○	
24	○	○	○	○		54	○	○	○	○	
25	○	○	○	○		55	○	○	○	○	
26	○	○	○	○		56	○	○	○	○	
27	○	○	○	○		57	○	○	○	○	
28	○	○	○	○		58	○	○	○	○	
29	○	○	○	○		59	○	○	○	○	

Rosana Moffat

Last Certification Date 10/05/04

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 10/11/04
 OBSERVER: ROSANA MOFFAT
 START: 10:00 am pm
 FINISH: am 12:00 pm
 Source:
 BOE ROOF MONITORS
 Observation Point
 SOUTH OF LEVY
 distance from: 400'
 direction from: SE
 source height:
 250'
 wind direction NE
 wind speed 5-10
 sky condition CLEAR
 amb. temp. (F)
 color of emissions White
 unless stated otherwise
 other;
 N - North Monitor
 S - South Monitor
 C - Center Monitor
 Remarks;
 Heat Nos.
 60453
 60454
 Observer's Signature

10:00 AM

PAGE #1

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	0	0	
1	0	0	0	0		31	0	0	0	0	
2	0	0	0	0		32	0	0	0	0	
3	0	0	0	0		33	0	0	0	0	
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5	0	0	0	0		35	0	0	0	0	
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	0		37	0	0	0	10	Yellow C
8	0	0	0	0		38	20	15	10	5	Yellow C
9	0	0	0	0		39	5	5	5	5	0
10	0	0	0	0		40	0	0	0	0	
11	0	0	0	0		41	0	0	0	0	
12	0	0	0	0		42	0	0	0	0	
13	0	0	0	0		43	0	0	0	0	
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15	0	0	0	0		45	0	0	0	0	
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27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Rosana Moffat

Last Certification Date 10/05/04

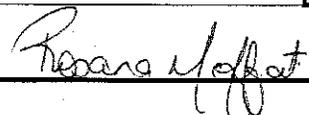
SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 10/11/04
 OBSERVER: ROSANA MOFFAT
 START: 10:00 am pm
 FINISH: am 12:00 pm
 Source: BOF REEF MONITORS
 Observation Point: SOUTH OF LEVY
 distance from: 400'
 direction from: SE
 source height: 250'
 wind direction: NE
 wind speed: 5-10
 sky condition: CLEAR
 amb. temp. (F):
 color of emissions: White
 unless stated otherwise:
 other:
 N - North Monitor
 S - South Monitor
 C - Center Monitor
 Remarks:

11:00 AM

PAGE #2

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
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2	0	0	0	0		32	0	0	0	0	
3	0	0	0	0		33	0	0	0	0	
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6	0	0	0	0		36	0	0	0	0	
7	0	0	0	0		37	0	0	0	0	
8	0	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	5	10	10	C
10	0	0	0	10	C, BROWN	40	10	10	5	0	
11	5	10	10	10	C, BROWN	41	0	0	0	0	
12	5	0	0	0	C, BROWN	42	0	0	0	0	
13	0	0	0	0		43	0	0	0	0	
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21	0	0	0	0		51	0	0	0	0	
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23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	0	0	0		56	0	0	10	15	C
27	0	0	0	0		57	0	0	5	10	C
28	0	0	0	0		58	10	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Observer's Signature


Last Certification Date 10/05/04

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 10/07/04
 OBSERVER: ROSANA HOFFMAN
 START: 9:45 am pm
 FINISH: 11:45 am pm
 Source:
 BOF ROOF LOW TOX.
 Observation Point
 SOUTH OF LEVY
 distance from: 400'
 direction from: SE
 source height:
 250'
 wind direction W
 wind speed 0-5
 sky condition CLEAR.
 amb. temp. (F)
 color of emissions White
 unless stated otherwise.
 other;
 N - North Monitor
 S - South Monitor
 C - Center Monitor.
 Remarks;
 Heat nos.
 20269
 20270
 Observer's Signature

9:00AM

PAGE #1

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30					
1						31					
2						32					
3						33					
4						34					
5						35					
6						36					
7						37					
8						38					
9						39					
10						40					
11						41					
12						42					
13						43					
14						44					
15						45	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
16						46	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
17						47	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
18						48	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
19						49	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
20						50	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
21						51	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
22						52	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
23						53	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
24						54	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
25						55	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
26						56	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
27						57	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
28						58	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
29						59	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Rosana Hoffman

Last Certification Date 10/05/04

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 10/07/04
 OBSERVER: Rosana Moffat
 START: 9:45 am pm
 FINISH: 11:45 am pm
 Source: BOE ROOF MONITORS
 Observation Point: SOUTH OF LEVY
 distance from: 400'
 direction from: SE
 source height: 250'
 wind direction: W
 wind speed: 0-5
 sky condition: CLEAR
 amb. temp. (F):
 color of emissions: White
 unless stated otherwise, other:
 N - North Monitor
 S - South Monitor
 C - Center Monitor
 Remarks:
 Observer's Signature

PAGE #2

10:00 am

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	0	0	
1	0	0	0	0		31	0	0	0	0	
2	0	0	0	0		32	0	0	0	0	
3	0	0	0	0		33	0	0	0	0	
4	0	0	0	0		34	0	0	0	0	
5	0	0	0	0		35	0	0	0	0	
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	0		37	0	0	0	0	
8	0	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	0	0	5	5	C, BROWN	40	0	0	0	0	
11	5	5	5	5	C, BROWN	41	0	0	0	0	
12	0	0	0	0		42	0	0	0	0	
13	0	0	0	20	C, BROWN	43	0	0	0	0	
14	20	20	20	15	C, BROWN	44	0	0	0	0	
15	15	10	0	0	C, BROWN	45	0	0	0	0	
16	0	0	0	0		46	0	0	0	0	
17	0	0	0	0		47	0	0	0	0	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	0	0	0	
20	0	0	0	0		50	0	0	0	10	Yellow, C
21	0	0	0	0		51	5	5	5	5	Yellow, C
22	0	0	0	0		52	10	10	20	20	" " "
23	5	0	0	0	C, BROWN	53	25	30	40	45	" " "
24	0	0	0	0		54	50	50	60	60	" " "
25	0	0	0	0		55	60	60	60	40	" " "
26	0	0	0	0		56	40	40	20	20	" " "
27	0	0	0	0		57	10	15	15	15	
28	0	0	0	0		58	15	10	10	10	
29	0	0	0	0		59	10	5	0	0	

Rosana Moffat

Last Certification Date 10/05/04

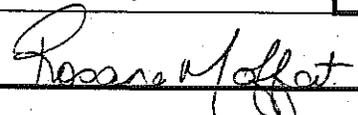
SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 10/07/04
 OBSERVER: ROSANNA MOFFAT
 START: 9:45 am pm
 FINISH: 11:45 am pm
 Source:
 BOE ROOF MONITORS
 Observation Point
 SOUTH DELEVY
 distance from: 400'
 direction from: SE
 source height:
 250'
 wind direction N
 wind speed 0-5
 sky condition Clear
 amb. temp. (F)
 color of emissions White
 unless stated otherwise
 other;
 N - North Monitor
 S - South Monitor
 C - Center Monitor
 Remarks;

PAGE #3

11:00am

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		30	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		31	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		32	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		33	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		34	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
5	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		35	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
6	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		36	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
7	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		37	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
8	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		38	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
9	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		39	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
10	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		40	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
11	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		41	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
12	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		42	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
13	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		43	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
14	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		44	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
15	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		45					
16	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		46					
17	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		47					
18	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		48					
19	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		49					
20	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		50					
21	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		51					
22	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		52					
23	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		53					
24	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		54					
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27	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		57					
28	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		58					
29	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		59					

Observer's Signature


Last Certification Date 10/5/04

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 12/30/04
 OBSERVER: ROSANA MOFFAT
 START: 10:03 am pm
 FINISH: 10:44 am pm

Source:
 BB LAST FURNACE

Observation Point
 PAVED LOT BY MILLER RD.

distance from: 150'
 direction from: NE
 source height: 75'

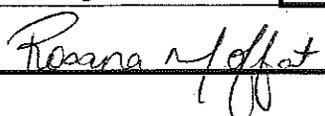
wind direction SW
 wind speed 5-10
 sky condition Cloudy
 amb. temp. (F) 0
 color of emissions White
 unless stated otherwise
 other;
 W - WEST CAR
 E - EAST CAR

Remarks;

PAGE #1

10:00 AM

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	0	0	0	0	
1						31	0	0	0	0	
2						32	0	0	0	0	
3					E	33	10	10	5	5	
4	0	0	0	0		34	5	5	5	5	
5	0	0	0	0		35	5	5	5	5	
6	0	0	0	0		36	5	5	5	5	
7	0	0	0	0		37	5	5	5	5	
8	0	0	0	0		38	5	5	5	5	
9	0	0	0	0		39	5	5	5	5	
10	0	0	0	0		40	5	5	5	5	
11	0	0	0	0		41	5	5	5	5	
12	0	0	0	0		42	5	5	5	5	
13	0	0	0	0		43	5	5	10	10	Black
14	0	0	0	0		44	0	0			
15	0	0	0	0		45					
16	0	0	0	0		46					
17	0	0	0	0		47					
18	0	0	0	20	Black	48					
19	10	5	0	0	Black	49					
20	0	0	0	0		50					
21	0	0	0	0		51					
22	0	0	0	0		52					
23	0	0	0	0		53					
24	0	0	0	0		54					
25	0	0	0	0		55					
26	0	0	0	0		56					
27	0	0	0	0		57					
28	0	0	0	0		58					
29	0	0	0	0		59					

Observer's Signature


Last Certification Date 10/05/04

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 12/24/09
 OBSERVER: ROSANA MOFFAT
 START: 11:45 am pm
 FINISH: am 12:45 pm
 Source:
 B BLAST
 Observation Point
 BOAT MARINA SLIP
 distance from: 100' / 1000'
 direction from: W
 source height:
 75'
 wind direction W
 wind speed 5-10
 sky condition CLEAR
 amb. temp. (F)
 color of emissions
 other:
 Remarks:

PAGE #1

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30					
1						31					
2						32					
3						33					
4						34					
5						35					
6						36					
7						37					
8						38					
9						39					
10						40					
11						41					
12						42					
13						43					
14						44					
15						45	0	0	0	0	
16						46	0	10	10	10	
17						47	10	5	5	5	
18						48	0	0	0	0	
19						49	0	0	0	0	
20						50	0	0	0	0	
21						51	0	0	0	0	
22						52	0	0	0	0	
23						53	0	0	0	0	
24						54	0	0	0	0	
25						55	0	0	0	0	
26						56	0	0	0	0	
27						57	0	0	0	0	
28						58	0	0	0	0	
29						59	0	0	0	0	

Observer's Signature
 Rosana Moffat

Last Certification Date 12/15/09

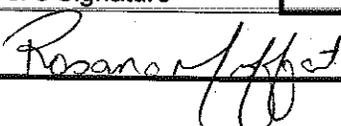
SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 12/24/09
 OBSERVER: ROSANA MORFITT
 START: 11:45 am pm
 FINISH: am 12:46 pm
 Source:
 B BLAST
 Observation Point
 BY BOAT SLIP
 distance from: 400'
 direction from: W
 source height:
 75'
 wind direction W
 wind speed 5-10
 sky condition Clear
 amb. temp. (F)
 color of emissions
 other;
 Remarks;

12:00 PM

PAGE # 2

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	0	0	
1	0	0	0	0		31	0	0	0	0	
2	0	0	0	0		32	0	0	0	0	
3	0	0	0	0		33	0	0	0	0	
4	0	0	0	0		34	0	0	0	0	
5	0	0	0	0		35	0	0	0	0	
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	0		37	0	0	0	0	
8	0	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	0	0	0	0		40	0	0	5	5	Brown.
11	0	0	0	0		41	5	5	5	5	"
12	0	0	0	0		42	5	5	5	5	"
13	0	0	0	0		43	5	5	5	5	"
14	0	0	0	0		44	5	5	5	5	"
15	0	0	0	0		45	5	5	0	0	"
16	0	0	0	0		46					
17	0	0	0	0		47					
18	0	0	0	0		48					
19	0	0	0	0		49					
20	0	0	0	0		50					
21	0	0	0	0		51					
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25	0	0	0	0		55					
26	0	0	0	0		56					
27	0	0	0	0		57					
28	0	0	0	0		58					
29	0	0	0	0		59					

Observer's Signature


Last Certification Date 10/05/09

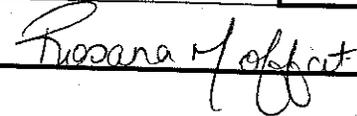
SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 12/16/04
 OBSERVER: Rosana Moffitt
 START: 10:07 am pm
 FINISH: 10:30 am pm
 Source: B Blast Furnace
 Observation Point: PAVED LOT BY MILLER RD.
 distance from: 150'
 direction from: NE
 source height: 75'
 wind direction: W
 wind speed: 10-15
 sky condition: OVERCAST
 amb. temp. (F):
 color of emissions: White
 unless stated otherwise:
 other:
 W - WEST CAR
 E - EAST CAR
 Remarks:

10:30 am

PAGE #1

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	○	○	○	○	
1						31	○	○	○	○	
2						32	○	○	○	○	
3						33	○	○	○	○	
4						34	○	○	○	○	
5						35	○	○	○	○	
6						36	○	○	○	○	
7						37	○	○	○	○	
8	○	○	○	○	W	38	○	5	5	5	
9	○	○	○	○		39	○	○	○	○	
10	○	○	○	○		40	○	○	○	○	
11	○	○	○	○		41	○	○	○	○	
12	○	○	○	○		42	○	○	○	○	
13	○	○	○	○		43	○	○	○	○	
14	○	○	○	○		44	○	○	○	○	
15	○	○	○	○		45	○	○	○	○	
16	○	○	○	○		46	○	○	○	○	
17	○	○	○	○		47	○	○	○	○	
18	○	○	○	○		48	○	○	○	○	
19	○	○	○	○		49	○	○	○	○	
20	○	○	○	○		50	○	○	○	○	
21	○	○	○	○		51	○	○	○	○	
22	○	○	○	○		52	○	○	○	○	
23	○	○	○	○		53	○	○	○	○	
24	○	○	○	○		54	○	○	○	○	
25	○	○	○	○		55	○	○	○	○	
26	○	○	○	○		56	○	○	○	○	
27	○	○	○	○		57	○	○	○	○	
28	○	○	○	○		58	○	○	○	○	
29	○	○	○	○		59	○	○	○	○	

Observer's Signature


Last Certification Date 10/05/04

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

PAGE #2

11:00 AM

DATE: 12/16/04.
 OBSERVER: ROSANA MOFFA
 START: 10:07 am pm
 FINISH: 11:30 am pm
 Source:
 A BLAST FURNACE
 Observation Point
 PAVED LOT BY MILLER RD
 distance from: 150'
 direction from: NE
 source height: 75'
 wind direction: W
 wind speed: 10-15
 sky condition: OVERCAST
 amb. temp. (F): 32
 color of emissions:
 other:
 N - WEST CAM
 E - EAST CAM
 Remarks;
 Observer's Signature

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30					
1	0	0	0	0	E	31					
2	0	0	0	0		32					
3	0	0	0	0		33					
4	0	0	0	0		34					
5	0	5	5	5		35					
6	5	5	5	5		36					
7	5	5	0	0		37					
8	0	0	0	0		38					
9	0	0	0	0		39					
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25	5	10	10	10		55					
26	10	5	5	5		56					
27	5	5	5	5		57					
28	5	5	5	5		58					
29	5	5	5	5		59					

Rosana Moffa

Last Certification Date 10/05/04

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 12/7/04
 OBSERVER: ROSANA MOFFAT
 START: 10:10 am pm
 FINISH: 11:00 am pm
 Source:
 B BLAST FURNACE
 Observation Point
 PAVED RD. BY MILLER RD
 distance from: 150'
 direction from: NE
 source height:
 75'
 wind direction SE
 wind speed 15-20
 sky condition OVERCAST/RAIN
 amb. temp. (F)
 color of emissions
 other;
 W - WEST CAR
 E - EAST CAR
 Remarks;
 Observer's Signature

10:00 AM

PAGE #1

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	○	○	○	○	
1						31	○	○	○	○	
2						32	○	○	○	○	
3						33	○	○	○	○	
4						34	○	○	○	○	
5						35	○	○	○	○	
6						36	○	○	○	○	
7						37	○	○	○	○	
8						38	○	○	○	○	
9						39	○	○	○	○	
10						40	○	○	○	○	
11	○	○	○	○	BROWN. E	41	○	○	○	○	
12	○	○	○	○		42	○	○	○	○	
13	○	○	○	○		43	○	○	○	○	
14	○	○	○	○		44	○	○	○	○	
15	○	○	○	○		45	○	○	○	○	
16	○	○	○	○	W	46	○	○	○	○	
17	○	○	○	○		47	○	○	○	○	
18	○	○	○	○		48	○	○	○	○	
19	○	○	○	○		49	○	○	○	○	
20	○	○	○	○		50	○	○	○	○	
21	○	○	○	○		51	○	○	○	○	
22	○	○	○	○		52	○	○	○	○	
23	○	○	○	○		53	○	○	○	○	
24	○	○	○	○		54	○	○	○	○	
25	○	○	○	○		55	○	○	○	○	
26	○	○	○	○		56	○	○	○	○	
27	○	○	○	○		57	○	○	○	○	
28	○	○	○	○		58	○	○	○	○	
29	○	○	○	○		59	○	○	○	○	

Rosana Moffat

Last Certification Date 10/05/04

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 11/29/04
 OBSERVER: ROSANA
 START: 10:04 am pm
 FINISH: 10:30 pm pm
 Source:
 B BLAST FURNACE
 Observation Point
 UNPAVED RD BY MILLER RD
 distance from: 120'
 direction from: SE
 source height: 75'
 wind direction SE
 wind speed 5-10
 sky condition CLEAR
 amb. temp. (F)
 color of emissions White
 unless stated otherwise other;
 W - WEST CAR
 E - EAST CAR
 Remarks;
 Observer's Signature

10:00 AM

PAGE #1

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	5	5	5	5	
1						31	5	5	5	5	
2						32	5	5	5	5	
3						33	5	20	40	5	BROWN.
4		10	15	15	BROWN.	34	5	0	0	0	
5	10	5	5	0	W	35	0	0	0	0	
6	0	0	0	0		36	0	0			
7	0	0	0	0		37					
8	0	0	0	0		38					
9	0	0	0	0		39					
10	0	0	0	0		40					
11	0	0	0	0		41					
12	0	0	0	0		42					
13	0	0	0	0		43					
14	0	0	0	0		44					
15	0	0	0	0		45					
16	0	0	0	5	yellow	46					
17	5	5	5	5	yellow	47					
18	5	5	5	5		48					
19	5	5	5	5		49					
20	5	5	5	5		50					
21	5	5	5	5		51					
22	5	5	5	5		52					
23	5	5	5	5		53					
24	5	5	5	5		54					
25	5	5	5	5		55					
26	5	5	5	5		56					
27	5	5	5	5		57					
28	5	5	5	5		58					
29	5	5	5	5		59					

Rosana Moffat

Last Certification Date 01/05/04

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 11/23/04

OBSERVER: ROSANA MOFFAT

START: 9:36 am pm

FINISH: 10:29 am pm

Source:
B BLAST FURNACE

Observation Point
PAVED LOT BY MILLER ROAD

distance from: 150'

direction from: NE

source height:
75'

wind direction SW

wind speed 5-10

sky condition OVERCAST

amb. temp. (F)

color of emissions White

unless stated otherwise other;

W - WEST CAR
E - EAST CAR

Remarks;

Observer's Signature
Rosana Moffat

Page #1

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30					
1						31					
2						32					
3						33					
4						34					
5						35					
6						36	10	10	5	5	BROWN
7						37	5	5	5	5	W
8						38	5	5	5	5	
9						39	5	5	5	5	
10						40	5	5	5	5	
11						41	5	5	5	5	
12						42	5	5	0	0	
13						43	0	0	0	0	
14						44	0	0	0	0	
15						45	0	0	0	0	
16						46	0	0	0	0	
17						47	0	0	0	0	
18						48	0	0	0	0	
19						49	0	0	0	0	
20						50	0	0	0	0	
21						51	0	0	0	0	
22						52	0	0	0	0	
23						53	0	0	0	0	
24						54	0	0	0	0	
25						55	0	0	0	0	
26						56	0	0	0	0	
27						57	0	0	0	0	
28						58	5	5	5	5	
29						59	5	5	5	5	

Last Certification Date 10/05/04

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 11/23/04
 OBSERVER: Rosanna Moffat
 START: 9:30 am pm
 FINISH: 10:29 am pm
 Source:
 B BLAST FURNACE
 Observation Point
 PAVED LOT BY MILLER RD
 distance from: 150'
 direction from: NE
 source height:
 75'
 wind direction SW
 wind speed 5-10
 sky condition OVERCAST
 amb. temp. (F)
 color of emissions White
 unless stated otherwise other;
 Remarks;

10:00AM PAGE #2

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	5	5	5	5		30					
1	5	5	5	5		31					
2	5	5	5	5		32					
3	5	5	5	5		33					
4	5	5	5	5		34					
5	5	5	5	5		35					
6	5	5	5	5		36					
7	5	5	5	5		37					
8	5	5	5	5		38					
9	5	5	5	5		39					
10	5	5	5	5	E	40					
11	5	5	5	5		41					
12	5	5	5	5		42					
13	5	5	5	5		43					
14	5	5	5	5		44					
15	5	5	5	5		45					
16	5	5	5	5		46					
17	5	5	5	5		47					
18	5	5	5	5		48					
19	5	5	5	5		49					
20	5	5	5	5		50					
21	5	5	5	5		51					
22	5	5	5	5		52					
23	5	5	5	5		53					
24	5	5	5	5		54					
25	5	5	5	15	BROWN	55					
26	10	5	5	5	BROWN	56					
27	0	0	0	0		57					
28	0	0	0	0		58					
29						59					

Observer's Signature
 Rosanna Moffat

Last Certification Date 10/05/04

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 11/15/04
 OBSERVER: ROSANA
 START: 10:03 am pm
 FINISH: 10:30 am pm
 Source: B BLAST FURNACE
 Observation Point: UNPAVED LOT BY MILLER RD.
 distance from: 120'
 direction from: E
 source height: 75'
 wind direction: W
 wind speed: 5-10
 sky condition: Cloudy
 amb. temp. (F): 0
 color of emissions: White
 unless stated otherwise other:
 W - WEST CAR
 E - EAST CAR
 Remarks:
 Observer's Signature: Rosana Moffat

PAGE #1

10:00 AM											
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	10	10	10	10	
1						31	10	10	10	10	E
2						32	10	10	10	10	
3	0	0	0	0	W	33	10	10	5	5	
4	0	0	5	5		34	5	5	5	5	
5	5	5	5	5		35	5	0	0	0	
6	5	5	5	5		36	0	0	0	0	
7	5	5	5	5		37	0	0	0	0	
8	5	5	5	5		38	0	0	0	0	
9	5	5	5	5		39	0	0	0	0	
10	5	5	5	5		40	0	0	0	0	
11	5	5	5	5		41	0	0	0	0	
12	5	5	10	10		42	0	0	0	0	
13	10	10	10	10		43	0	0	0	0	
14	10	5	5	5		44	0	0	0	0	
15	5	5	5	5		45	0	0	0	0	
16	5	5	5	5		46	0	0	0	0	
17	5	5	5	5		47	0	0	0	0	
18	5	5	5	5		48	0	0	0	0	
19	5	5	5	5		49	0	0	0	0	
20	5	5	5	5		50	0	0	0	10	BLACK
21	5	5	15	10	yellow	51	30	50	40	25	BLACK
22	10	10	10	10		52	20	10	10	10	BLACK
23	10	10	10	10		53	5	5	0	0	
24	10	10	10	10		54	0	0	0	0	
25	10	10	20	20	yellow	55	0	0	0	0	
26	20	15	15	15		56					
27	15	15	15	15		57					
28	15	15	20	20		58					
29	20	15	15	10		59					

Last Certification Date 10/05/04

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 11/09/04
 OBSERVER: ROSANA MOFFAT
 START: 9:37 am pm
 FINISH: 10:39 am pm
 Source:
 B BLAST FURNACE
 Observation Point
 PAVED RD BY MILLER RD
 distance from: 150'
 direction from: NE
 source height:
 75'
 wind direction NW
 wind speed 5-10
 sky condition Clear
 amb. temp. (F)
 color of emissions white
 unless stated otherwise other;
 Remarks;
 Observer's Signature

9:00AM

PAGE #1

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30					
1						31					
2						32					
3						33					
4						34					
5						35					
6						36					
7						37					
8						38					30 E
9						39	20	20	15	10	
10						40	5	5	5	5	
11						41	5	5	5	0	
12						42	5	5	5	5	
13						43	5	5	5	5	
14						44	5	5	5	5	
15						45	5	5	5	5	
16						46	5	5	5	5	
17						47	5	5	5	5	
18						48	5	5	5	5	
19						49	5	5	5	5	
20						50	5	5	5	5	
21						51	5	5	5	5	
22						52	5	5	5	5	
23						53	5	5	5	5	
24						54	5	5	5	5	
25						55	5	5	5	5	
26						56	5	5	5	5	
27						57	5	5	5	5	
28						58	5	5	5	5	
29						59	5	5	5	5	

Rosana Moffat

Last Certification Date 10/05/04

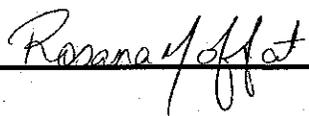
SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 11/9/07
 OBSERVER: ROSANA MOFFATT
 START: 9:37 am pm
 FINISH: 10:39 am pm
 Source: B BLAST FURNACE
 Observation Point: PAVED LOT BY HILLER RD.
 distance from: 150'
 direction from: NE
 source height: 75'
 wind direction: NW
 wind speed: 5-10
 sky condition: Clear
 amb. temp. (F):
 color of emissions: White
 unless stated otherwise
 other:
 W - WEST CAR
 E - EAST CAR
 Remarks:

PAGE # 2

10:00 AM

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	5	5	5	5		30	0	0	0	0	
1	5	5	5	5		31	0	0	0	0	
2	5	5	5	5		32	0	0	0	0	
3	5	10	10	10		33	0	0	0	0	
4	10	10	10	10		34	0	0	0	0	
5	5	5	5	5		35	0	0	0	0	
6	5	5	5	5		36	10	5	0	0	
7	5	5	5	5		37	0	0	0	0	
8	5	5	5	5		38	0	0	0	0	
9	5	5	5	15		39					
10	15	15	15	15		40					
11	20	20	20	20		41					
12	20	20	20	20		42					
13	20	20	10	10		43					
14	10	10	10	10		44					
15	10	10	10	10		45					
16	10	10	10	10		46					
17	0	0	0	0		47					
18	0	0	0	0		48					
19	0	0	0	0		49					
20	0	0	0	0		50					
21	0	0	0	0		51					
22	0	0	0	0		52					
23	0	0	0	0		53					
24	0	0	0	0		54					
25	0	0	0	5		55					
26	15	15	15	15		56					
27	5	5	5	5		57					
28	0	0	0	0		58					
29	0	0	0	0		59					

Observer's Signature


Last Certification Date 10/05/07

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 11/6/04.
 OBSERVER: *Kristina Hoffman*
 START: 10:03 am pm
 FINISH: 11:11 am pm
 Source: *B BLAST FURNACE*
 Observation Point: *UNPAVED RD BY MILLER RD*
 distance from: *150'*
 direction from: *SE*
 source height: *75'*
 wind direction: *W*
 wind speed: *5-10*
 sky condition: *CLEAR*
 amb. temp. (F):
 color of emissions: *White*
unless stated otherwise
 other:
 Remarks;
 Observer's Signature: *Robert Hoff*

10:00 AM *PAGE #1*

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	5	5	5	5	
1						31	5	5	5	5	
2						32	5	5	5	5	
3						33	5	5	5	5	
4	0	0	0	0		34	5	5	5	5	
5	0	0	10	10	<i>BROWN</i>	35	5	5	5	5	
6	15	20	20	5	<i>EF</i>	36	5	5	5	5	
7	5	5	5	5		37	5	5	10	10	
8	5	5	5	5		38	10	10	5	5	
9	5	5	5	5		39	5	5	5	5	
10	5	5	5	5		40	5	5	5	5	
11	5	5	5	5		41	5	5	5	5	
12	5	5	5	5		42	5	5	5	5	
13	5	5	5	5		43	5	5	5	5	
14	5	5	5	5		44	5	5	5	5	
15	5	5	5	5		45	5	5	5	5	
16	5	5	5	5		46	5	5	5	5	
17	5	5	5	5		47	5	5	5	5	
18	5	5	5	5		48	5	5	5	5	
19	5	5	5	5		49	5	5	5	5	
20	5	5	5	5		50	5	5	5	5	
21	5	5	5	5		51	5	5	5	5	
22	5	5	5	5		52	5	5	5	5	
23	5	5	5	5		53	10	10	5	5	
24	5	5	5	5		54	5	5	5	5	
25	5	5	5	5		55	5	0	0	0	
26	5	5	5	5		56	0	0	0	0	
27	5	5	5	5		57	0	0	0	0	
28	5	5	5	5		58	0	0	0	0	
29	5	5	5	5		59	10	15	20	20	

Last Certification Date 10/05/04

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

PAGE #2

DATE: 11/10/04

OBSERVER: ROSANA MOFFAT

START: 10:03 am pm

FINISH: 11:11 am pm

Source:
B BLAST FURNACE

Observation Point
UNPAVED RD BY MILLER RD.

distance from: 150'

direction from: SE

source height: 75'

wind direction: W

wind speed: 5-10

sky condition: CLEAR

amb. temp. (F):

color of emissions: White

unlike stated otherwise other;

Remarks;

Observer's Signature

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	20	20	20	20		30					
1	15	15	15	15		31					
2	15	10	10	15		32					
3	10	10	10	10		33					
4	10	20	20	5		34					
5	5	5	10	5		35					
6	5	5	5	5		36					
7	5	5	20	20	BLACK	37					
8	15	10	5	5		38					
9	5	5	5	5		39					
10	5	5	5			40					
11						41					
12						42					
13						43					
14						44					
15						45					
16						46					
17						47					
18						48					
19						49					
20						50					
21						51					
22						52					
23						53					
24						54					
25						55					
26						56					
27						57					
28						58					
29						59					

Rosana Moffat

Last Certification Date 10/05/04

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 10/25/04

OBSERVER: ROSANA MORFITT

START: 12:00 pm

FINISH: am 1:14 pm

Source:
B BLAST FURNACE

Observation Point
WEST SIDE OF CANAL

distance from: 600'

direction from: N

source height:
75'

wind direction SW

wind speed 0-5

sky condition clear

amb. temp. (F)

color of emissions White

unless stated otherwise other;

Remarks;

Observer's Signature

PAGE #1

12:00 PM

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	○	○	○	○		30	○	○	○	○	
1	○	○	○	○		31	○	○	○	○	
2	○	○	○	○		32	○	○	○	○	
3	○	○	○	○		33	○	○	○	○	
4	○	○	○	○		34	○	○	○	○	
5	○	○	○	○		35	○	○	○	○	
6	○	○	○	○		36	○	○	○	○	
7	○	○	○	○		37	○	○	○	○	
8	○	○	○	○		38	○	○	○	○	
9	○	○	○	○		39	○	○	○	○	
10	○	○	○	○		40	○	○	○	○	
11	○	○	○	○		41	○	○	○	○	
12	○	○	○	○		42	○	○	○	○	
13	○	○	○	○		43	○	○	○	○	
14	○	○	○	○		44	○	○	○	○	
15	○	○	○	○		45	○	○	○	○	
16	○	○	○	○		46	○	○	○	○	
17	○	○	○	○		47	○	○	○	○	
18	○	○	○	○		48	○	○	○	○	
19	○	○	○	○		49	○	○	○	○	
20	○	○	○	○		50	○	○	○	○	
21	○	○	○	○		51	○	○	○	○	
22	○	○	○	○		52	○	○	○	○	
23	○	○	○	○		53	○	○	○	○	
24	○	○	○	○		54	○	○	○	○	
25	○	○	○	○		55	○	○	○	○	
26	○	○	○	○		56	○	○	○	○	
27	○	○	○	○		57	○	○	○	○	
28	○	○	○	○		58	○	○	○	○	
29	○	○	○	○		59	○	○	○	○	

Rosana Morfitt

Last Certification Date 10/05/04

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 10/25/04
 OBSERVER: ROSANA MORFAT
 START: am 12:00 pm
 FINISH: am 1:14 pm
 Source:
 B BLAST FURNACE
 Observation Point
 WEST SIDE OF CANAL
 distance from: 1000'
 direction from: W
 source height:
 75'
 wind direction SW
 wind speed 0-5
 sky condition Clear
 amb. temp. (F)
 color of emissions White
 unless stated otherwise
 other;
 Remarks;
 Observer's Signature

PAGE #2

1:00 PM

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	10	BLACK	30					
1	0	0	0	0		31					
2	0	0	0	0		32					
3	0	0	0	0		33					
4	0	0	0	0		34					
5	0	0	0	0		35					
6	0	0	0	0		36					
7	0	0	0	0		37					
8	0	0	0	0		38					
9	0	0	0	0		39					
10	0	10	5	5	BLACK	40					
11	0	0	0	0		41					
12	0	0	0	0		42					
13	0	0	0	0		43					
14						44					
15						45					
16						46					
17						47					
18						48					
19						49					
20						50					
21						51					
22						52					
23						53					
24						54					
25						55					
26						56					
27						57					
28						58					
29						59					

Rosana Morfat

Last Certification Date 10/05/04

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 10/18/04

OBSERVER: ROSANA MOTT

START: 9:19 am pm

FINISH: 10:00 am pm

Source:
B BLAST FURNACE

Observation Point
PAVED LOT BY MILLER RD.

distance from: 150'

direction from: NE

source height:
75'

wind direction E

wind speed 10-15

sky condition OVERCAST

amb. temp. (F)

color of emissions White

unless stated otherwise other;

E - EAST CAR
W - WEST CAR

Remarks;

Observer's Signature
Rosana Mott

9:00 AM

PAGE #1

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	5	5	5	5	
1						31	5	5	5	5	
2						32	5	5	5	5	
3						33	5	5	5	5	
4						34	5	5	5	5	
5						35	5	5	5	5	
6						36	5	5	5	5	
7						37	5	5	5	5	
8						38	5	5	5	5	
9						39	5	5	5	5	
10						40	5	5	5	5	
11						41	5	5	5	5	
12						42	5	5	5	5	
13						43	5	5	5	5	
14						44	5	5	5	5	
15						45	5	5	5	5	
16						46	5	5	5	5	
17						47	5	5	5	5	
18						48	5	5	5	5	
19						49	5	5	5	5	E
20	5	5	5	5	W	50	5	5	5	5	
21	5	5	5	5		51	5	5	5	5	
22	5	5	5	5		52	5	5	5	5	
23	5	5	5	5		53	5	5	5	5	
24	5	5	5	5		54	5	5	5	5	
25	5	5	5	5		55	5	5	5	5	
26	5	5	5	5		56	5	5	5	5	
27	5	5	5	5		57	5	5	5	5	
28	5	5	5	5		58	10	15	10	5	
29	5	5	5	5		59	5	0	0	0	

Last Certification Date 10/05/04

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 10/14/04
 OBSERVER: ROSANA MORFAT
 START: 10:37 am pm
 FINISH: 11:43 am pm
 Source: BLAST FURNACE
 Observation Point: PAVED LOT BY MILLER RD.
 distance from: 200'
 direction from: NE
 source height: 75'
 wind direction: W
 wind speed: 0-5
 sky condition: OVERCAST
 amb. temp. (F):
 color of emissions: white
 unless noted otherwise:
 W: WEST CAR
 E: EAST CAR
 Remarks:
 Observer's Signature: *Rosana Morfat*

PAGE #1

10:00 AM

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30					
1						31					
2						32					
3						33					
4						34					
5						35					
6						36					
7						37	0	5	5	5	
8						38	5	5	5	5	W
9						39	5	5	5	5	
10						40	5	5	5	5	
11						41	5	5	5	5	
12						42	5	5	5	5	
13						43	5	5	5	5	
14						44	5	5	5	5	
15						45	5	5	5	5	
16						46	5	5	5	5	
17						47	5	5	5	5	
18						48	5	5	5	5	
19						49	5	5	5	5	
20						50	5	5	5	5	
21						51	5	5	5	5	
22						52	5	5	5	5	
23						53	5	5	5	5	
24						54	5	5	5	5	
25						55	5	5	5	5	
26						56	5	5	5	5	
27						57	5	5	5	5	
28						58	5	5	5	5	
29						59	5	5	5	5	

Last Certification Date 10/5/07

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 10/14/04
 OBSERVER: ROSANA MORFAT
 START: 10:37 am pm
 FINISH: 11:43 am pm
 Source: B BLAST FURNACE
 Observation Point: LOP BY MILLER RD
 distance from: 200'
 direction from: NE
 source height: 75'
 wind direction: W
 wind speed: 0-5
 sky condition: OVERCAST
 amb. temp. (F):
 color of emissions: white
 unless stated otherwise:
 W - WEST CAR
 E - EAST CAR
 Remarks:

PAGE #2

11:00AM

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	5	5	5	5		30	5	5	5	5	
1	5	5	5	5		31	5	5	5	5	
2	5	5	5	5		32	5	5	5	5	
3	5	5	5	5		33	5	5	5	5	
4	5	5	5	5		34	5	5	5	5	
5	5	5	5	5		35	5	5	5	5	
6	5	5	5	5		36	5	5	5	5	
7	5	5	5	5		37	5	5	10	40	BLACK
8	5	5	5	5		38	40	30	20	20	"
9	5	5	5	5		39	10	10	10	5	"
10	5	5	5	5		40	5	5	5	5	
11	5	5	5	5		41	5	5	5	0	
12	5	5	5	5		42	0	0	0	0	
13	5	5	5	5		43					
14	5	5	5	5		44					
15	5	5	5	5	E	45					
16	5	5	5	5		46					
17	5	5	5	5		47					
18	5	5	5	5		48					
19	5	5	5	5		49					
20	5	5	5	5		50					
21	5	5	5	5		51					
22	5	5	5	5		52					
23	5	5	5	5		53					
24	5	5	5	5		54					
25	5	5	5	5		55					
26	5	5	5	5		56					
27	5	5	5	5		57					
28	5	5	5	5		58					
29	5	5	5	5		59					

Observer's Signature
 Rosana Morfat

Last Certification Date 10/05/04

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 10/04/04

OBSERVER: ROSANA MOFFAT

START: 10:35 am pm

FINISH: 11:26 am pm

Source:
B BLAST FURNACE

Observation Point:
UNPAVED LOT BY MILLER RD

distance from: 120'

direction from: SE

source height:
75'

wind direction N

wind speed 10-15

sky condition CLEAR

amb. temp. (F)

color of emissions White

unless stated otherwise, other;

N - WEST CAR
E - EAST CAR

Remarks;

Observer's Signature
Rosana Moffat

10:00 AM

PAGE #1

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30					
1						31					
2						32					
3						33					
4						34					
5						35	○	○	○	○	W
6						36	○	○	○	○	
7						37	○	○	○	○	
8						38	○	○	○	○	
9						39	○	○	○	○	
10						40	○	○	○	○	
11						41	○	○	○	○	
12						42	○	○	○	○	
13						43	○	○	○	○	
14						44	○	○	○	○	
15						45	○	○	○	○	
16						46	○	○	○	○	E
17						47	○	○	○	○	
18						48	○	○	○	○	
19						49	○	○	○	○	
20						50	○	○	○	○	
21						51	○	○	○	○	
22						52	○	○	○	○	
23						53	○	○	○	○	
24						54	○	○	○	○	
25						55	○	○	○	○	
26						56	○	○	○	○	
27						57	○	○	○	○	
28						58	○	○	○	○	
29						59	○	○	○	○	

Last Certification Date 5/10/04

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 10/04/04
 OBSERVER: ROSANA MOTT
 START: 10:35 am pm
 FINISH: 11:20 am pm
 Source: B BLAST FURNACE
 Observation Point: UNPAVED LOT BY MILLER RD.
 distance from: 120'
 direction from: SE
 source height: 75'
 wind direction: N
 wind speed: 10-15
 sky condition: CLEAR
 amb. temp. (F):
 color of emissions: white
 unless stated otherwise other;
 Remarks;

PAGE #2

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	5	5	5	5		30					
1	5	5	5	5		31					
2	5	5	5	5		32					
3	5	5	5	5		33					
4	5	5	5	5		34					
5	5	5	5	5		35					
6	5	5	5	5		36					
7	5	5	5	5		37					
8	5	5	5	5		38					
9	5	5	5	5		39					
10	5	5	5	5		40					
11	5	5	5	5		41					
12	5	5	5	5		42					
13	5	5	5	5		43					
14	5	5	5	5		44					
15	5	5	5	5		45					
16	5	5	5	5		46					
17	5	5	5	5		47					
18	5	5	5	5		48					
19	5	5	5	5		49					
20	5	5	5	5		50					
21	5	5	5	5		51					
22	5	5	5	5		52					
23	5	15	10	10	BLACK	53					
24	10	5	5	5		54					
25	5	0	0	0		55					
26						56					
27						57					
28						58					
29						59					

Observer's Signature: *Rosana Mott*

Last Certification Date: 5/10/04

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 12/30/04
 OBSERVER: ROSANA MORFAT
 START: 8:40 am pm
 FINISH: 10:40 am pm
 Source:
 C BLAST FURNACE
 Observation Point
 PAVED LOT BY MILLER RD.
 distance from: 150'
 direction from: E
 source height:
 90'
 wind direction SW
 wind speed 5-10
 sky condition Cloudy
 amb. temp. (F) 0
 color of emissions White
 unless stated otherwise
 other;
 Remarks;
 Observer's Signature

8:00AM

PAGE #1

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30					
1						31					
2						32					
3						33					
4						34					
5						35					
6						36					
7						37					
8						38					
9						39					
10						40					
11						41					
12						42					
13						43					
14						44					
15						45	0	0	0	0	
16						46	0	0	0	10	Brown
17						47	10	10	10	10	
18						48	10	5	0	0	
19						49	0	0	0	0	
20						50	0	0	0	0	
21						51	0	0	0	0	
22						52	0	0	0	0	
23						53	0	0	0	0	
24						54	0	0	0	0	
25						55	0	0	0	0	
26						56	0	0	0	0	
27						57	0	0	0	0	
28						58	0	0	0	0	
29						59	0	0	0	0	

Rosana Morfat

Last Certification Date 10/05/04

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 12/30/04
 OBSERVER: ROSANA MOFFAT
 START: 8:40 am pm
 FINISH: 10:40 am pm
 Source: C BLAST FURNACE
 Observation Point: PAVED LOT BY MILLER RP.
 distance from: 150'
 direction from: E
 source height: 90'
 wind direction: SW
 wind speed: 5-10
 sky condition: Cloudy
 amb. temp. (F): 0
 color of emissions: White
 (unless stated otherwise other:
 Remarks:
 Observer's Signature: Rosana Moffat

9:00 AM

PAGE #2

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	5	5	5	5	
1	0	0	0	0		31	5	5	5	5	
2	0	0	0	0		32	5	5	5	5	
3	0	0	0	0		33	5	5	5	5	
4	0	0	0	0		34	5	5	5	5	
5	0	0	0	0		35	5	5	5	5	
6	0	0	0	0		36	5	5	5	5	
7	0	0	0	0		37	5	5	5	5	
8	0	0	0	0		38	5	5	5	5	
9	0	0	0	0		39	5	5	5	5	
10	5	5	5	5		40	5	5	5	5	
11	5	5	5	5		41	5	5	5	5	
12	5	5	5	5		42	5	5	5	5	
13	5	5	5	5		43	5	5	5	5	
14	5	5	5	5		44	5	5	5	5	
15	5	5	5	5		45	5	5	5	5	
16	5	5	5	5		46	5	5	5	5	
17	5	5	5	5		47	5	5	5	5	
18	5	5	5	5		48	5	5	5	5	
19	5	5	5	5		49	5	5	5	5	
20	5	5	5	5		50	5	5	5	5	
21	5	5	5	5		51	5	5	5	5	
22	5	5	5	5		52	5	5	5	5	
23	5	5	5	5		53	5	5	5	5	
24	5	5	5	5		54	5	5	5	5	
25	5	5	5	5		55	5	5	5	5	
26	5	5	5	5		56	5	5	5	5	
27	5	5	5	5		57	5	5	5	5	
28	5	5	5	5		58	5	5	5	5	
29	5	5	5	5		59	5	5	5	5	

Last Certification Date 10/05/04

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 11/29/04

OBSERVER: Rosanna A. Moffatt

START: 8:40 am pm

FINISH: 10:40 am pm

Source:
C BLAST

Observation Point
PAVED LOT BY MILLER RD.

distance from: 150'

direction from: E

source height:
90'

wind direction SW

wind speed 5-10

sky condition Cloudy

amb. temp. (F)

color of emissions White
unless stated otherwise

other:

Remarks:

Observer's Signature

10:00 AM

PAGE #3

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	5	5	5	5		30	5	5	5	5	
1	5	5	5	5		31	5	5	5	5	
2	5	5	5	5		32	5	5	5	5	
3	5	5	5	5		33	5	5	5	5	
4	5	5	5	5		34	5	5	5	5	
5	5	5	5	5	<u>E</u>	35	5	5	5	5	<u>Brown</u>
6	5	5	5	5		36	5	10	10	10	
7	5	5	5	5		37	10	10	10	10	
8	5	5	5	5		38	10	10	10	10	
9	5	5	5	5		39	5	5	5	0	
10	5	5	5	5		40					
11	5	5	5	5		41					
12	5	5	5	5		42					
13	5	5	5	5		43					
14	5	5	5	5		44					
15	5	5	5	5		45					
16	5	5	5	5	<u>Brown.</u>	46					
17	5	5	5	5	<u>"</u>	47					
18	5	5	5	5		48					
19	5	5	5	5		49					
20	5	5	5	5		50					
21	5	5	5	5		51					
22	15	15	15	5	<u>Brown</u>	52					
23	5	5	5	5	<u>Brown.</u>	53					
24	5	5	5	5		54					
25	5	5	5	5		55					
26	5	5	5	5		56					
27	5	5	5	5		57					
28	5	5	5	5		58					
29	5	5	5	5		59					

Rosanna A. Moffatt

Last Certification Date 10/10/04

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 12/24/04
 OBSERVER: ROSANA MOFFAT
 START: am 12:00pm
 FINISH: am 1:50pm
 Source: C BLAST
 Observation Point: BY BOAT SLIP
 distance from: 400'
 direction from: W
 source height: 90'
 wind direction: W
 wind speed: 5-10
 sky condition: Cloudy
 amb. temp. (F):
 color of emissions: white
 (unless stated otherwise):
 other:
 Remarks:
 Observer's Signature: Rosana Moffat

PAGE #1

12:00 PM

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	10	10	10		30	0	0	0	0	
1	10	15	15	15		31	0	0	0	0	
2	15	10	5	5		32	0	0	0	0	
3	5	5	5	5		33	0	0	0	0	
4	5	5	5	5		34	0	0	0	0	
5	5	0	0	0		35	0	0	0	0	
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	0		37	0	0	0	0	
8	0	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	0	0	0	0		40	0	0	0	0	
11	0	0	0	0		41	0	0	0	0	
12	0	0	0	0		42	0	0	0	0	
13	0	0	0	0		43	0	0	0	0	
14	0	0	0	0		44	0	0	0	0	
15	0	0	0	0		45	0	0	0	0	
16	0	0	0	0		46	0	0	0	0	
17	0	0	0	0		47	0	0	0	0	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	0	0	0	
20	0	0	0	0		50	0	0	0	0	
21	0	0	0	0		51	0	0	0	0	
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Last Certification Date 10/05/04

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 12/24/04
 OBSERVER: ROSANA MORFAT
 START: am 12:00 pm
 FINISH: am 1:50 pm
 Source: C BLAST
 Observation Point: BY BOAT SLP.
 distance from: 400'
 direction from: W
 source height: 90'
 wind direction: W
 wind speed: 5-10
 sky condition: Cloudy
 amb. temp. (F): 0
 color of emissions: White
 unless stated otherwise
 other:
 Remarks:
 Observer's Signature: *Rosana Morfat*

PAGE #2

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	5	5	5	5	
1	0	0	0	0		31	5	5	5	5	
2	0	0	0	0		32	5	5	5	5	
3	0	0	0	0		33	5	5	5	5	
4	0	0	0	0		34	5	5	5	5	
5	0	0	0	0		35	5	5	5	5	
6	0	0	0	0		36	5	5	5	5	
7	0	0	0	0		37	5	5	5	5	
8	0	0	0	0		38	5	5	5	5	
9	0	0	5	5	Brower	39	5	5	5	5	
10	5	5	5	5		40	5	5	5	5	
11	5	5	5	5		41	5	5	5	5	
12	5	5	5	5		42	5	5	5	5	
13	5	5	5	5		43	5	5	5	5	
14	5	5	5	5		44	5	5	5	5	
15	5	5	5	5		45	5	5	5	5	
16	5	5	5	5		46	5	5	5	5	
17	5	5	5	5		47	5	5	5	5	
18	5	5	5	5		48	5	5	5	0	
19	5	5	5	5		49	0	0	0	0	
20	5	5	5	5		50					
21	5	5	5	5		51					
22	5	5	5	5		52					
23	5	5	5	5		53					
24	5	5	5	5		54					
25	5	5	5	5		55					
26	5	5	5	5		56					
27	5	5	5	5		57					
28	5	5	5	5		58					
29	5	5	5	5		59					

Last Certification Date 0/0/04

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 12/16/04
 OBSERVER: ROSANA MORFAT
 START: 10:00am pm
 FINISH: 11:49 am pm
 Source:
 C BLAST FURNACE
 Observation Point
 PAVED LOT BY MILLER RD
 distance from: 120'
 direction from: E
 source height:
 90'
 wind direction W
 wind speed 10-15
 sky condition OVERCAST
 amb. temp. (F)
 color of emissions White
 unless stated otherwise
 other;
 W- WEST CAR
 E- EAST CAR
 Remarks:
 Observer's Signature

10:00 AM Page #/

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0		10	15	15	BROWN.	30	0	0	0	0	
1	10	5	0	0	E	31	0	0	0	0	
2	0	0	0	0		32	0	0	0	0	
3	0	0	0	0		33	0	0	0	0	
4	0	0	0	0		34	0	0	0	0	
5	0	0	0	0		35	5	5	5	5	W
6	0	0	0	0		36	5	5	5	5	
7	0	0	0	0		37	0	0	0	0	E
8	0	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	0	0	0	0		40	0	0	0	0	
11	0	0	0	0		41	0	0	0	0	
12	0	0	0	0		42	0	0	0	0	
13	0	0	0	0		43	0	0	0	0	
14	0	0	0	0		44	0	0	0	0	
15	0	0	0	0		45	0	0	0	0	
16	0	0	0	0		46	0	0	0	0	
17	0	0	0	0		47	0	0	0	0	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	0	0	0	
20	0	0	0	0		50	0	0	0	0	
21	0	0	0	0		51	0	0	0	0	
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Rosana Morfat

Last Certification Date 10/05/04

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 12/16/04
 OBSERVER: ROSANA MOFFAT
 START: 10:00 am pm
 FINISH: 11:49 am pm
 Source: C BLAST FURNACE
 Observation Point: PAVED LOT BY MILLER RD
 distance from: 120'
 direction from: E
 source height: 90'
 wind direction: W
 wind speed: 10-15
 sky condition: OVERCAST
 amb. temp. (F): 32
 color of emissions: white
 unless stated otherwise:
 W - WEST CAR
 E - EAST CAR
 Remarks:
 Observer's Signature: Rosana Moffat

11:00 AM PAGE #2

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	0	0	
1	0	0	0	0		31	0	0	0	0	
2	0	0	0	0		32	0	0	0	0	
3	0	0	0	0		33	0	0	0	0	
4	0	0	0	5		34	0	0	0	0	
5	5	5	5	5	W	35	5	5	5	5	
6	5	5	5	5		36	5	5	5	5	
7	5	5	5	5		37	5	5	5	5	
8	5	10	10	10		38	5	5	5	5	
9	10	10	10	10		39	5	5	5	5	
10	10	10	10	10		40	5	5	5	5	
11	10	10	10	10		41	5	5	5	5	
12	10	10	10	10		42	5	5	5	5	
13	10	10	10	10		43	5	5	5	5	
14	10	10	10	10		44	15	40	40	30	BLACK
15	10	10	10	10		45	30	15	15	10	BLACK
16	10	10	10	10		46	10	5	5	5	"
17	10	10	10	5		47	0	0	0	0	
18	5	5	5	5		48	0	0	0	0	
19	5	5	5	5		49					
20	5	5	5	5		50					
21	5	5	5	5		51					
22	10	10	10	5	yellow	52					
23	5	0	0	0	E	53					
24	0	0	0	0		54					
25	0	0	0	0		55					
26	0	0	0	0		56					
27	0	0	0	0		57					
28	0	0	0	0		58					
29	0	0	0	0		59					

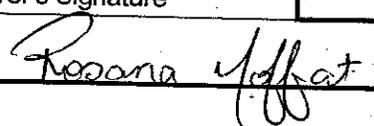
Last Certification Date 10/05/04

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 12/7/04
 OBSERVER: ROSANA MORFAT
 START: 8:25am pm
 FINISH: 10:19am pm
 Source:
 C BLAST FURNACE
 Observation Point
 PAVED LOT BY MILLER RD.
 distance from: 120'
 direction from: E
 source height:
 90'
 wind direction SE
 wind speed 15-20
 sky condition OVERCAST
 amb. temp. (F)
 color of emissions white
 unless stated otherwise
 other;
 E - EAST CAR
 W - WEST CAR
 Remarks;

8:00AM PAGE #1

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	0	0	0	0	
1						31	0	0	0	0	
2						32	0	0	0	0	
3						33	0	0	0	0	
4						34	0	0	0	0	
5						35	0	0	0	0	
6						36	0	0	0	0	
7						37	0	0	0	0	
8						38	0	0	0	0	
9						39	0	0	0	0	
10						40	0	0	0	0	
11						41	0	0	0	0	
12						42	0	0	0	0	
13						43	0	0	0	0	
14						44	0	0	0	0	
15						45	0	0	0	0	
16						46	0	0	0	0	
17						47	0	0	0	0	
18						48	0	0	0	0	
19						49	0	0	0	0	
20						50	0	0	0	0	
21						51	0	0	0	0	
22						52	0	0	0	0	
23						53	0	0	0	0	
24						54	0	0	0	0	
25			5	10	BROWN	55	0	0	0	0	
26	10	10	10	10	E	56	0	0	0	0	
27	10	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Observer's Signature


Last Certification Date 10/05/04

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 12/7/04
 OBSERVER: ROSANA MORFAT
 START: 8:25 am pm
 FINISH: 10:19 am pm
 Source:
 C BLAST FURNACE
 Observation Point
 PAVED LOT BY MILLER RD
 distance from: 120'
 direction from: E
 source height:
 90'
 wind direction SE
 wind speed 15-20
 sky condition OVERCAST
 amb. temp. (F)
 color of emissions white
 unless stated otherwise
 other:
 W - WEST CAR
 E - EAST CAR
 Remarks;
 Observer's Signature

9:00 AM

PAGE #2

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	○	○	○	○		30	○	○	○	○	
1	○	○	○	○		31	○	○	○	○	
2	○	○	○	○		32	○	○	○	○	
3	○	○	○	○		33	○	○	○	○	
4	○	○	○	○		34	○	○	○	○	
5	○	○	○	○		35	○	○	○	○	
6	○	○	○	○		36	○	○	○	○	
7	○	○	○	○		37	○	○	○	○	
8	○	○	○	○		38	○	○	○	○	
9	○	○	○	○		39	○	○	○	○	
10	○	○	○	○		40	○	○	○	○	
11	○	○	○	○		41	○	○	○	○	
12	○	○	○	○		42	○	○	○	○	
13	○	○	○	○		43	○	○	○	○	
14	○	○	○	○		44	○	○	○	○	
15	○	○	○	○		45	○	○	○	○	
16	○	○	○	○		46	○	○	○	○	
17	○	○	○	○		47	○	○	○	○	
18	○	○	○	○		48	○	○	○	○	
19	○	○	○	○		49	○	○	○	○	
20	○	○	○	○		50	○	○	○	○	
21	○	○	○	○		51	○	○	○	○	
22	○	○	○	○		52	○	○	○	○	
23	○	○	○	○		53	○	○	○	○	
24	○	○	○	○		54	○	○	○	○	
25	○	○	○	○		55	○	○	○	○	
26	○	○	○	○		56	○	○	○	○	
27	○	○	○	○		57	○	○	○	○	
28	○	○	○	○	W	58	○	○	○	○	
29	○	○	○	○		59	○	○	○	○	

Rosana Morfat

Last Certification Date 10/05/04

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 12/7/04.

OBSERVER: ROSANA MOFFAT

START: 8:25 am pm

FINISH: 10:19 am pm

Source:
C BLAST FURNACE

Observation Point
PAVED RD BY MILLER ROAD.

distance from: 120'

direction from: E

source height:
90'

wind direction SE

wind speed 15-20

sky condition OVERCAST

amb. temp. (F)

color of emissions White

unless stated otherwise

other;

W - WEST CAR

E - EAST CAR

Remarks;

Observer's Signature

10:00 AM

PAGE #3

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	○	○	○	○		30					
1	○	○	○	○		31					
2	○	○	○	○		32					
3	○	○	○	○		33					
4	○	○	○	○		34					
5	○	○	○	○		35					
6	○	○	○	○		36					
7	○	○	○	○		37					
8	○	○	○	○		38					
9	○	○	○	○		39					
10	○	○	○	○		40					
11	○	○	○	○		41					
12	○	○	○	○		42					
13	○	○	○	○	W	43					
14	○	○	○	○		44					
15	○	○	○	○		45					
16	○	○	○	○		46					
17	○	○	○	○		47					
18	○	○	○	○		48					
19						49					
20						50					
21						51					
22						52					
23						53					
24						54					
25						55					
26						56					
27						57					
28						58					
29						59					

Rosana Moffat

Last Certification Date 10/05/07

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 11/30/04
 OBSERVER: ROSANA MOFFAT
 START: 9:39 am pm
 FINISH: am 12:59 pm
 Source:
 C BLAST FURNACE
 Observation Point
 PAVED LOT BY MILLER RD
 distance from: 120'
 direction from: SE
 source height:
 70'
 wind direction S
 wind speed S-10
 sky condition OVERCAST
 amb. temp. (F)
 color of emissions White
 unless stated otherwise other;
 W - WEST CAR
 E - EAST CAR
 Remarks;
 Observer's Signature

9:00 AM

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30					
1						31					
2						32					
3						33					
4						34					
5						35					
6						36					
7						37					
8						38					
9						39					
10						40			5	0	E
11						41	0	0	0	0	
12						42	0	0	0	0	
13						43	0	0	0	20	BROWN
14						44	20	10	5	0	"
15						45	0	0	0	20	
16						46	0	0	0	0	
17						47	0	0	0	0	
18						48	0	0	0	0	
19						49	0	0	0	0	
20						50	0	0	0	0	
21						51	0	0	0	0	
22						52	0	0	0	0	
23						53	0	0	0	0	
24						54	0	0	0	0	
25						55	0	0	0	0	
26						56	0	0	0	0	
27						57	0	0	0	0	W
28						58	0	0	10	10	E, BROWN
29						59	10	10	10	0	BROWN.

Rosana Moffat

Last Certification Date 10/05/04

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 11/30/04
 OBSERVER: ROSANA MORFITT
 START: 9:39 am pm
 FINISH: am 12:59 pm
 Source: C BLAST FURNACE
 Observation Point: PAVED LOT BY MILLER RD.
 distance from: 120'
 direction from: SE
 source height: 90'
 wind direction: S
 wind speed: 5-10
 sky condition: OVERCAST
 amb. temp. (F):
 color of emissions: white
 unless stated otherwise:
 other:
 Remarks;
 Observer's Signature

10:00 AM

PAGE #2

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	5	5	5	5		30	0	0	0	0	
1	5	5	5	5		31	0	0	0	0	
2	5	5	5	5		32	0	0	0	0	
3	5	5	5	5		33	0	0	0	0	
4	5	5	5	5		34	0	0	0	0	
5	5	5	5	5		35	5	5	5	5	Brown
6	5	5	5	5		36	5	5	5	5	
7	5	5	5	5		37	5	5	5	5	
8	5	5	5	5		38	5	5	5	5	
9	5	5	5	5		39	5	5	5	5	
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13	5	5	5	5		43	10	10	10	10	
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15	0	0	0	0		45	10	10	10	10	
16	0	0	0	0		46	10	10	10	10	
17	0	0	0	0		47	5	5	5	5	
18	0	0	0	0		48	5	5	5	5	
19	0	0	0	0		49	5	5	5	5	
20	0	0	0	0		50	5	5	5	5	
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22	0	0	0	0		52	5	5	5	5	
23	0	0	0	0		53	5	5	5	5	
24	5	5	5	5		54	5	5	5	5	
25	5	5	5	5		55	0	0	0	0	W
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	5	10	E

Rosana Morfitt

Last Certification Date 10/05/04

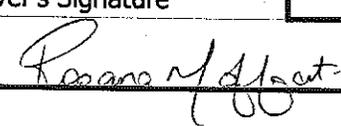
SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 11/30/04
 OBSERVER: ROSANA MORALES
 START: 9:39 am pm
 FINISH: am 12:59 pm
 Source:
 C BLAST FURNACE
 Observation Point
 PAVED LOT BY MILLER RD.
 distance from: 120'
 direction from: SE
 source height:
 90'
 wind direction SE
 wind speed 5-10
 sky condition OVERCAST
 amb. temp. (F)
 color of emissions White
 unless stated otherwise
 other;
 W - WEST CAR
 E - EAST CAR
 Remarks;
 Observer's Signature

11:00AM

PAGE #3

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	10	15	30	20	BROWN	30	0	0	0	0	
1	10	10	10	10		31	0	0	0	0	
2	5	5	5	5		32	0	0	0	0	
3	5	5	5	5		33	0	0	0	0	
4	5	5	5	5		34	0	0	0	0	
5	5	5	5	5		35	0	0	0	5	E, BROWN
6	5	5	5	5		36	20	10	15	15	BROWN
7	5	5	5	5		37	15	15	15	15	
8	5	5	5	5		38	15	15	15	15	
9	5	5	5	5		39	15	15	10	10	
10	5	5	5	5		40	10	10	10	10	
11	5	5	5	5		41	10	10	10	10	
12	5	5	5	5		42	10	10	10	10	
13	5	5	5	5		43	10	10	10	10	
14	5	5	5	5		44	10	10	10	10	
15	5	5	5	5		45	10	10	10	10	
16	5	5	5	5		46	10	10	10	10	
17	5	5	5	5		47	10	10	10	10	
18	5	5	5	5		48	10	10	10	10	
19	5	5	5	5		49	10	10	10	10	
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21	0	0	0	0		51	10	10	10	10	
22	0	0	0	0		52	10	10	10	10	
23	0	0	0	0		53	10	10	10	10	
24	0	0	0	0		54	10	10	10	10	
25	0	0	0	0		55	10	10	10	10	
26	0	0	0	0		56	10	10	10	10	
27	0	0	0	0		57	10	10	10	10	
28	0	0	0	0		58	10	10	10	10	
29	0	0	0	0		59	10	10	10	10	

Observer's Signature


Last Certification Date 10/05/04

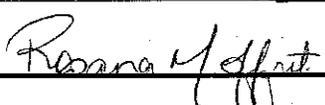
SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 11/30/04
 OBSERVER: ROSANA MOTTAT
 START: 9:39 am pm
 FINISH: am 12:59 pm
 Source: C BLAST FURNACE
 Observation Point: PAVED LOT BY MILLER RD
 distance from: 120'
 direction from: SE
 source height: 90'
 wind direction: E
 wind speed: 5-10
 sky condition: OVERCAST
 amb. temp. (F):
 color of emissions: White
 unless stated otherwise other:
 W - WEST CAR
 E - EAST CAR
 Remarks:

12:00 PM

PAGE #4

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	10	10	10	10		30	5	5	5	5	
1	10	10	10	10		31	5	5	5	5	
2	10	10	10	10		32	5	5	5	5	
3	10	10	10	10		33	5	5	5	5	
4	10	10	10	10		34	5	5	5	5	
5	10	10	10	10		35	5	5	5	5	
6	10	10	10	10		36	5	5	5	5	
7	10	10	10	10		37	5	5	5	5	
8	10	10	10	10		38	5	5	5	5	
9	10	10	10	0	W	39	5	5	5	5	
10	0	0	0	0		40	5	5	5	5	
11	0	0	0	0		41	5	5	5	5	
12	0	0	0	0		42	10	10	10	5	
13	0	0	0	0		43	5	5	5	5	
14	0	10	15	10	E, BROWN	44	5	5	5	5	
15	10	10	10	10		45	5	5	5	5	
16	10	10	5	5		46	5	5	5	5	
17	5	5	5	5		47	5	5	5	5	W
18	5	5	5	5		48	0	0	0	0	
19	5	5	5	5		49	0	0	0	0	
20	5	5	5	5		50	0	0	0	0	
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22	5	5	5	5		52	0	0	0	0	
23	5	5	5	5		53	15	10	10	10	E
24	5	5	5	5		54	10	10	10	10	
25	5	5	5	5		55	10	10	10	10	
26	5	5	5	5		56	10	10	10	10	
27	5	5	5	5		57	10	5	5	0	
28	5	5	5	5		58	0	0	0	0	
29	5	5	5	5		59	0	0	0	0	

Observer's Signature


Last Certification Date 10/05/04

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 11/23/04
 OBSERVER: ROSANA MOFFAT
 START: 10:15 am pm
 FINISH: am 12:12 pm
 Source: C BLAST FURNACE
 Observation Point: PAVED LOT BY MILLER RD.
 distance from: 120'
 direction from: E
 source height: 90'
 wind direction: SW
 wind speed: 5-10
 sky condition: OVERCAST
 amb. temp. (F):
 color of emissions: White
 unless stated otherwise other:
 Remarks:
 Observer's Signature: Rosana Moffat

10:00AM

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	○	○	○	○	
1						31	○	○	○	○	
2						32	○	○	○	○	
3						33	○	○	○	○	
4						34	○	○	○	○	
5						35	○	○	○	○	
6						36	○	○	○	○	
7						37	○	○	○	○	
8						38	○	○	○	○	
9						39	○	○	○	○	
10						40	○	○	○	○	
11						41	○	○	○	○	W
12						42	○	○	○	○	
13						43	○	○	○	○	
14						44	○	○	○	○	
15	○	○	○	○	E	45	○	○	○	○	
16	○	○	○	○		46	○	○	○	○	
17	○	○	○	○		47	○	○	○	○	
18	○	○	○	○		48	○	○	○	○	
19	○	○	○	○		49	○	○	○	○	
20	○	○	○	○		50	○	○	○	○	
21	○	○	○	15	BROWN	51	○	○	○	○	
22	15	5	○	○	BROWN	52	○	○	○	○	
23	○	○	○	○		53	○	○	○	○	
24	○	○	○	○		54	○	○	○	○	
25	○	○	○	○		55	○	○	○	○	
26	○	○	○	○		56	○	○	○	○	
27	○	○	○	○		57	○	○	○	○	
28	○	○	○	○		58	○	○	○	○	
29	○	○	○	○		59	○	○	○	○	

Last Certification Date 10/05/04

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 11/23/04
 OBSERVER: ROSANA MOFFAT
 START: 10:15 am pm
 FINISH: am 12:12 pm
 Source: C BLAST FURNACE
 Observation Point: PAVED LOT BY MILLER RD
 distance from: 120'
 direction from: E
 source height: 90'
 wind direction: SW
 wind speed: 5-10
 sky condition: OVERCAST
 amb. temp. (F):
 color of emissions: white
 unless stated otherwise other:
 W - WEST CAR
 E - EAST CAR
 Remarks:
 Observer's Signature

PAGE #2

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	5	5	5	5	
1	0	0	0	0		31	5	5	5	5	
2	0	0	0	0		32	5	5	5	5	
3	0	0	0	0		33	5	5	0	0	E
4	0	0	0	0		34	0	0	0	0	
5	0	0	0	0		35	0	0	0	0	
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	0		37	0	0	0	0	
8	0	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	0	0	0	0		40	0	0	0	0	
11	0	0	0	0		41	0	0	0	0	
12	0	0	0	0		42	0	0	0	0	
13	0	0	0	0		43	0	0	0	0	
14	0	0	0	0		44	0	0	0	0	
15	0	0	0	0	W	45	0	0	0	0	
16	0	0	0	0		46	0	0	0	0	
17	0	0	0	0		47	0	0	0	0	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	0	0	0	
20	0	0	0	0		50	0	0	0	0	
21	0	0	0	0		51	0	0	0	0	
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	0	0	0	
25	0	5	5	5		55	0	0	0	0	
26	5	5	5	5		56	0	0	0	0	
27	5	5	5	5		57	0	0	0	0	
28	5	5	5	5		58	0	0	0	0	
29	5	5	5	5		59	0	0	0	0	

Rosana Moffat

Last Certification Date 10/05/04

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 11/23/04
 OBSERVER: ROSANA MOTTET
 START: 10:15 am pm
 FINISH: am 12:12pm
 Source:
 C BLAST FURNACE
 Observation Point
 PAVED LOT BY MILLER RD.
 distance from: 120'
 direction from: E
 source height:
 90'
 wind direction SW
 wind speed 5-10
 sky condition OVERCAST
 amb. temp. (F)
 color of emissions White
 unless stated otherwise;
 W - WEST CAR
 E - EAST CAR
 Remarks;
 Observer's Signature

12:00PM

PAGE #3

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30					
1	0	0	0	0		31					
2	0	0	0	0		32					
3	0	0	0	0		33					
4	0	0	0	0		34					
5	0	0	0	0		35					
6	0	0	0	0		36					
7	0	0	0	5		37					
8	5	5	30	40	BLACK	38					
9	30	10	5	0	BLACK	39					
10	0	0	0	0		40					
11	0	0	0	0		41					
12						42					
13						43					
14						44					
15						45					
16						46					
17						47					
18						48					
19						49					
20						50					
21						51					
22						52					
23						53					
24						54					
25						55					
26						56					
27						57					
28						58					
29						59					

Rosana Mottet

Last Certification Date 10/05/04

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 11/18/04.
 OBSERVER: ROSANJA MOFFAT
 START: 8:25 am pm
 FINISH: am pm
 Source: C BLAST FURNACE
 Observation Point: PAVED LOT BY MILLER RD.
 distance from: 120'
 direction from: E
 source height: 90'
 wind direction: W
 wind speed: 0-5
 sky condition: OVERCAST
 amb. temp. (F):
 color of emissions: White
 unless stated otherwise:
 other:
 W - WEST CAR
 E - EAST CAR
 Remarks:
 Observer's Signature: Rosanja Moffat

8:00AM PAGE #1

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
1						31	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2						32	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3						33	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4						34	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
5						35	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
6						36	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
7						37	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
8						38	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
9						39	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
10						40	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
11						41	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
12						42	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
13						43	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
14						44	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
15						45	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
16						46	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
17						47	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
18						48	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
19						49	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
20						50	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
21						51	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
22						52	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	W, E
23						53	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
24						54	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
25	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		55	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
26	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		56	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
27	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	E	57	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
28	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		58	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
29	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		59	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Last Certification Date 10/05/04

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 11/18/04
 OBSERVER: ROSANA MORFAT
 START: 8:25 am pm
 FINISH: am pm
 Source: C BLAST FURNACE
 Observation Point: PAVED LOT BY MILLER RD.
 distance from: 120'
 direction from: E
 source height: 90'
 wind direction: W
 wind speed: 0-5
 sky condition: OVERCAST
 amb. temp. (F):
 color of emissions: White
 unless stated otherwise:
 other:
 W - WEST CAR
 E - EAST CAR
 Remarks:
 Observer's Signature

9:00 AM

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30					
1	0	0	0	0		31					
2	0	0	0	0		32					
3	0	0	0	0		33					
4	0	0	0	0		34					
5	0	0	0	0		35					
6	0	0	0	0		36					
7	0	0	0	0		37					
8	0	0	0	0		38					
9	0	0	0	0		39					
10	0	0	0	0		40					
11	0	5	5	5		41					
12	5	5	5	5		42					
13	5	5	5	5		43					
14	5	5	5	5		44					
15	5	5	5	5		45					
16	5	5	5	5		46					
17	5	5	5	5		47					
18	5	5	5	5		48					
19	5	5	5	5		49					
20	5	5	5	5	W	50					
21	5	5	5	5		51					
22	5	5	5	5		52					
23	10	10	10	10	BROWN.	53					
24	10	20	20	20	BROWN.	54					
25	15	10	10	5		55					
26	5	0	0	0		56					
27						57					
28						58					
29						59					

Rosana Morfat

Last Certification Date 10/05/04

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 11/09/04
 OBSERVER: ROSANA MORFAT
 START: 8:50 am pm
 FINISH: 11:30 am pm
 Source: C BLAST FURNACE
 Observation Point: PAVED RD BY MILLER ROAD.
 distance from: 150'
 direction from: SE
 source height: 90'
 wind direction: NE
 wind speed: 5-10
 sky condition: CLOUDY
 amb. temp. (F): 28
 color of emissions: white
 unless stated otherwise other:
 W - WEST CAR
 E - EAST CAR
 Remarks;
 Observer's Signature

8:00 AM

PAGE #1

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30					
1						31					
2						32					
3						33					
4						34					
5						35					
6						36					
7						37					
8						38					
9						39					
10						40					
11						41					
12						42					
13						43					
14						44					
15						45					
16						46					
17						47					
18						48					
19						49					
20						50		0	0	0	E
21						51	0	0	0	0	
22						52	0	0	0	5	
23						53	5	5	5	5	
24						54	0	0	0	0	
25						55	0	0	0	0	
26						56	0	0	0	0	
27						57	0	0	0	0	
28						58	0	0	0	0	
29						59	0	0	0	0	W

Rosana Morfat

Last Certification Date 10/05/04

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

PAGE #2

DATE: 11/09/04
 OBSERVER: ROSANA MOFFAT
 START: 8:50 am pm
 FINISH: 11:30 am pm
 Source: C BLAST FURNACE
 Observation Point: PAVED RD BY MILLER ROAD
 distance from: 150'
 direction from: SE
 source height: 90'
 wind direction: NE
 wind speed: 5-10
 sky condition: CLOUDY
 amb. temp. (F): 28
 color of emissions: white
 unless stated otherwise:
 E - EAST CAR
 W - WEST CAR
 Remarks;

9:00 AM

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	0	0	
1	0	0	0	0		31	0	0	0	0	
2	0	0	0	0		32	0	0	0	0	
3	0	0	0	0		33	0	0	0	0	
4	0	0	0	0		34	0	0	0	0	
5	0	0	0	0		35	0	0	0	0	
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	0		37	0	0	0	0	
8	0	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	0	0	0	0		40	0	0	0	0	
11	0	0	0	0		41	0	0	0	5	
12	0	0	0	0		42	5	5	5	5	W
13	0	0	0	0		43	5	5	5	5	E
14	0	0	0	0		44	0	0	0	0	
15	0	0	0	0		45	0	0	0	0	
16	0	0	0	0		46	0	0	0	0	
17	0	0	0	0		47	0	0	0	0	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	0	0	0	
20	0	0	0	0		50	0	0	0	0	
21	0	0	0	0		51	0	0	0	0	
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	0	0	0	W	56	0	0	0	0	
27	0	0	0	0	E	57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Observer's Signature
 Rosana Moffat

Last Certification Date 10/05/04

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 11/9/04
 OBSERVER: ROSANA MORAN
 START: 8:50 am pm
 FINISH: 11:30 am pm
 Source: CBLAST FURNACE
 Observation Point: PAVED LOT BY MILLER RD.
 distance from: 150'
 direction from: SE
 source height: 90'
 wind direction: NW
 wind speed: 5-10
 sky condition: Clear
 amb. temp. (F):
 color of emissions: white
 unless stated otherwise other:
 W - West Cor.
 E - East Cor.
 Remarks;
 Observer's Signature

10:00AM

PAGE # 3

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	0	0	
1	0	0	0	0		31	0	0	0	0	
2	0	0	0	0		32	0	0	0	0	E
3	0	0	0	0		33	0	0	0	0	
4	0	0	0	0		34	0	0	0	0	
5	0	0	0	0		35	0	0	0	0	
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	0		37	0	0	0	0	
8	0	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	0	0	0	0		40	0	0	0	0	
11	0	0	0	0		41	0	0	0	0	
12	0	0	0	0		42	0	0	0	0	
13	0	0	0	0		43	0	0	0	0	
14	0	0	0	0		44	0	0	0	0	
15	0	0	0	0		45	0	0	0	0	
16	0	0	0	0		46	0	0	0	0	
17	0	0	0	0		47	0	0	0	0	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	0	0	0	
20	0	0	0	0		50	0	0	0	0	
21	0	0	0	0		51	0	0	0	0	
22	0	0	0	0	W	52	0	0	0	0	
23	0	0	0	0		53	0	0	5	5	
24	0	0	0	0		54	5	5	5	5	
25	0	0	0	0		55	5	5	5	5	
26	0	0	0	0		56	5	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Rosana Moran

Last Certification Date 10/05/04

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 11/9/04
 OBSERVER: ROSANA MOFFAT
 START: 8:50 am pm
 FINISH: 11:30 am pm
 Source: CBLDST FURNACE
 Observation Point: PAVED LOT BY MILLER RD.
 distance from: 150'
 direction from: SE
 source height: 90'
 wind direction: NW
 wind speed: 5-10
 sky condition: Cloudy
 amb. temp. (F):
 color of emissions: White
 unless stated otherwise:
 other;
 Remarks;
 Observer's Signature: Rosana Moffat

11:00AM

PAGE #4

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	5	5	5		30					
1	5	5	5	5		31					
2	5	5	5	5		32					
3	5	5	5	5		33					
4	5	5	5	5		34					
5	5	5	5	5		35					
6	5	5	5	5	W	36					
7	5	5	5	5		37					
8	5	5	5	5		38					
9	5	0	0	0		39					
10	0	0	0	0		40					
11	0	0	0	0	E	41					
12	0	0	0	0		42					
13	0	0	0	0		43					
14	0	0	0	0		44					
15	0	0	0	0		45					
16	0	0	0	0		46					
17	0	0	0	0		47					
18	0	0	0	0		48					
19	0	0	0	0		49					
20	0	0	0	0		50					
21	0	0	0	0		51					
22	0	0	0	0		52					
23	0	0	0	0		53					
24	0	0	0	0		54					
25	0	0	5	0	BROWN	55					
26	0	0	0	0		56					
27	0	0	0	0		57					
28	0	0	0	0		58					
29	0	0	0	0		59					

Last Certification Date 10/05/04

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 11/2/04

OBSERVER: ROSANA MORFAT

START: 9:13 am pm

FINISH: 10:42 am pm

Source: C BLAST FURNACE

Observation Point: PAVED RD BY MILLER RD

distance from: 150'

direction from: E

source height: 90'

wind direction: NE

wind speed: 5-10

sky condition: OVERCAST

amb. temp. (F):

color of emissions: White

unless stated otherwise other:

W - WEST CAL

E - EAST CAL

Remarks:

Observer's Signature

9:00 AM

PAGE #/

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	0	0	0	0	
1						31	0	0	0	0	
2						32	0	0	0	0	
3						33	0	0	0	0	
4						34	0	0	0	0	
5						35	0	0	0	0	
6						36	0	0	0	0	W
7						37	0	0	0	0	
8						38	0	0	0	0	
9						39	0	0	0	0	E
10						40	0	0	0	0	
11						41	0	0	0	0	
12						42	0	0	0	0	
13				0	0	43	0	0	0	0	
14	0	5	5	0		44	0	0	0	0	
15	10	10	10	5		45	0	0	0	0	
16	5	5	5	0		46	0	0	0	0	
17	0	0	0	0		47	0	0	0	0	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	0	0	0	
20	0	0	0	0		50	0	0	0	0	
21	0	0	0	0	E	51	0	0	0	0	
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	5	5	5	5	
29	0	0	0	0		59	5	5	5	5	

Rosana Morfat

Last Certification Date 10/05/04

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 11/2/04.
 OBSERVER: ROSANA HOFFAT
 START: 9:13 am pm
 FINISH: 10:42 am pm
 Source:
 C BLAST FURNACE
 Observation Point
 PAVED RD. BT MILLER ROAD
 distance from: 150'
 direction from: E
 source height:
 90'
 wind direction NE
 wind speed 3-10
 sky condition OVERCAST
 amb. temp. (F)
 color of emissions White
 unless stated otherwise other;
 W - WEST CAR
 E - EAST CAR
 Remarks;
 Observer's Signature

10:00 AM PAGE #2

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	5	5	5	5		30	5	5	5	5	
1	5	5	5	5		31	5	5	5	5	
2	5	5	5	5		32	5	5	5	5	
3	5	5	5	5		33	5	5	5	5	
4	5	5	5	5		34	5	5	10	10	
5	5	5	5	5		35	10	10	10	10	
6	5	5	5	5		36	10	10	10	10	
7	5	5	5	5	W	37	10	10	10	10	
8	5	5	5	5		38	10	10	10	10	
9	5	5	5	5		39	10	10	10	15	BROWN
10	5	5	5	5		40	20	20	40	20	BLACK
11	5	5	5	5		41	10	5	5	0	'
12	5	5	5	5		42	0	0	0		
13	5	5	5	5	E	43					
14	5	5	5	5		44					
15	5	5	5	5		45					
16	5	5	5	5		46					
17	5	5	10	10		47					
18	10	10	10	10		48					
19	10	10	10	10		49					
20	10	10	10	10		50					
21	10	10	10	10		51					
22	10	10	10	10		52					
23	10	10	10	10		53					
24	5	5	5	5		54					
25	5	5	5	5		55					
26	5	5	5	5		56					
27	5	5	5	5		57					
28	5	5	5	5		58					
29	5	5	5	5		59					

Rosana Hoffat

Last Certification Date 10/05/04

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 10/28/04
 OBSERVER: ROSANA MOFFAT
 START: 9:08 am pm
 FINISH: 10:41 am pm
 Source: C BLAST FURNACE
 Observation Point: PAVED PARKING LOT BY MILLER ROAD
 distance from: 120'
 direction from: E
 source height: 90'
 wind direction: E
 wind speed: 0-5
 sky condition: OVERCAST
 amb. temp. (F): 50
 color of emissions: White
 unless stated otherwise;
 W - WEST CAR
 E - EAST CAR
 Remarks:

9:00 AM Page #1

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	0	0	0	0	
1						31	0	0	0	0	
2						32	0	0	0	0	
3						33	0	0	0	0	
4						34	0	0	0	0	
5						35	0	0	0	0	
6						36	0	0	0	0	
7						37	0	0	0	0	
8				10	BLACK	38	0	0	0	0	
9	10	0	0	0		39	0	0	0	0	
10	0	0	0	0	E	40	0	0	0	0	
11	0	0	0	0		41	0	0	0	0	W
12	0	0	0	10	BROWN	42	0	0	0	0	
13	20	10	0	0	BROWN	43	0	0	0	0	
14	0	0	0	0		44	0	0	0	0	
15	0	0	0	0		45	0	0	0	0	
16	0	0	0	0		46	0	0	10	20	E, BROWN
17	0	0	0	0		47	20	0	0	0	BROWN
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	0	0	0	
20	0	0	0	0		50	0	0	0	0	
21	0	0	0	0		51	0	0	0	0	
22	20	15	10	0	yellow	52	0	0	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Observer's Signature: *Rosana Moffat*

Last Certification Date: 10/05/04

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 10/28/04
 OBSERVER: ROSANA MORAN
 START: 9:08 am pm
 FINISH: 10:41 am pm
 Source:
 C BLAST FURNACE
 Observation Point
 PAVED LOT BY MILLER ROAD.
 distance from: 120'
 direction from: E
 source height:
 90'
 wind direction E
 wind speed 0-5
 sky condition OVERCAST
 amb. temp. (F)
 color of emissions white
 unless stated otherwise
 other;
 W - WEST CAR
 E - EAST CAR
 Remarks;
 Observer's Signature

10:00 AM

PAGE #2

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	5	5	5	5	
1	0	0	0	0		31	5	5	5	5	
2	0	0	0	0		32	5	5	5	5	
3	0	0	0	0		33	5	5	5	5	
4	0	0	0	0		34	5	5	5	5	
5	0	0	0	0		35	10	10	10	10	Brown
6	0	0	0	0		36	10	10	10	10	"
7	0	0	0	0		37	10	15	20	40	" Black
8	0	0	0	0		38	20	15	5	0	
9	0	0	0	0		39	0	0	0	0	
10	0	0	0	0		40	0	0	0	0	
11	0	0	0	0	W	41					
12	0	0	0	0		42					
13	0	0	0	0		43					
14	0	0	0	0		44					
15	0	0	0	0		45					
16	0	0	0	0		46					
17	0	0	0	0		47					
18	0	0	0	0		48					
19	0	0	0	0		49					
20	0	0	20	20	E, Brown	50					
21	15	10	10	5	yellow	51					
22	5	5	5	5	"	52					
23	5	5	5	5	"	53					
24	5	5	5	5		54					
25	5	5	5	5		55					
26	5	5	5	5		56					
27	5	5	5	5		57					
28	5	5	5	5		58					
29	5	5	5	5		59					

Rosana Moran

Last Certification Date 10/05/04

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 10/18/04
 OBSERVER: ROSANA MORENO
 START: 9:11 am pm
 FINISH: 10:29 am pm
 Source: CBLAST FURNACE
 Observation Point: PAVED LOT BY MILLER RD.
 distance from: 150'
 direction from: E
 source height: 90'
 wind direction: E
 wind speed: 10-15
 sky condition: OVERCAST
 amb. temp. (F):
 color of emissions: white
 unless stated otherwise:
 other:
 Remarks:

9:00 AM PAGE #1

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	0	0	0	0	
1						31	0	0	0	0	
2						32	0	0	0	0	
3						33	0	0	0	0	
4						34	0	0	0	0	
5						35	0	0	0	0	
6						36	0	0	0	0	
7						37	0	0	0	0	
8						38	0	0	0	0	
9						39	0	0	0	0	
10						40	0	0	0	0	
11			10	10	BROWN	41	0	0	0	0	
12	0	0	0	0		42	0	0	0	0	
13	0	0	0	0		43	0	0	0	0	
14	0	0	0	0		44	0	0	0	0	
15	0	0	0	0		45	0	0	0	0	
16	0	0	10	0	BROWN	46	0	0	0	0	
17	0	0	0	0		47	0	0	0	0	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0	E	49	0	0	0	0	
20	0	0	0	0		50	0	0	0	0	
21	0	0	0	0		51	0	0	0	0	
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0		53	5	5	0	0	BROWN
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	W
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Observer's Signature

Last Certification Date 10/05/04

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 10/18/04
 OBSERVER: ROSANA MORAN
 START: 9:19 am pm
 FINISH: 10:28 am pm
 Source: ~~C~~ BLAST FURNACE
 Observation Point: PAVED LOT BY MILLER RD.
 distance from: 150'
 direction from: SE
 source height: 90' ~~100'~~
 wind direction: E
 wind speed: 10-15
 sky condition: OVERCAST
 amb. temp. (F):
 color of emissions: White
 unless stated otherwise:
 W - WEST CAR
 E - EAST CAR
 Remarks;
 Observer's Signature: *Rosana Moran*

PAGE #2

10:00 AM

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30					
1	5	5	5	5	BROWN	31					
2	5	5	5	5		32					
3	5	5	5	5		33					
4	5	5	5	5		34					
5	5	5	5	5		35					
6	5	5	5	5		36					
7	5	5	5	5		37					
8	5	5	5	5		38					
9	0	0	0	0		39					
10	0	0	0	0		40					
11	0	0	0	0		41					
12	0	0	0	0		42					
13	0	0	0	0		43					
14	0	0	0	0		44					
15	0	0	0	0		45					
16	0	0	0	0	E	46					
17	0	0	0	0		47					
18	0	0	0	0		48					
19	0	5	5	5	yellow	49					
20	10	10	10	10	"	50					
21	10	10	10	10	"	51					
22	10	10	10	10	BROWN	52					
23	10	10	10	10		53					
24	10	10	10	10		54					
25	10	10	20	50		55					
26	30	10	5	0		56					
27	0	0	0	0		57					
28						58					
29						59					

Last Certification Date 10/05/04

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 10/16/04.
 OBSERVER: ROSANA MOFFAT
 START: 11:35 am pm
 FINISH: am 1:35 pm
 Source: C BLAST FURNACE
 Observation Point: WEST SIDE OF BOAT SLIP.
 distance from: 600'
 direction from: W
 source height: 90'
 wind direction: NW
 wind speed: 20-30
 sky condition: OVERCAST
 amb. temp. (F):
 color of emissions: White
 unless stated otherwise:
 Remarks;
 Observer's Signature

PAGE #1

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30					
1						31					
2						32					
3						33					
4						34					
5						35	○	○	○	○	
6						36	○	○	○	○	
7						37	○	○	○	○	
8						38	○	○	○	○	
9						39	○	○	○	○	
10						40	○	○	○	○	
11						41	○	○	○	○	
12						42	○	○	○	○	
13						43	○	○	○	○	
14						44	○	○	○	○	
15						45	○	○	○	○	
16						46	○	○	○	○	
17						47	○	○	○	○	
18						48	○	○	○	○	
19						49	○	○	○	○	
20						50	○	○	○	○	
21						51	○	○	○	○	
22						52	○	○	○	○	
23						53	○	○	○	○	
24						54	○	○	○	○	
25						55	○	○	○	○	
26						56	○	○	○	○	
27						57	○	○	○	○	
28						58	○	○	○	○	
29						59	○	○	○	○	

Rosana Moffat

Last Certification Date 10/15/04

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 10/16/09
 OBSERVER: ROSANA MOFFAT
 START: 11:35 am pm
 FINISH: am 1:35 pm
 Source:
 C BLAST FURNACE
 Observation Point
 WEST SIDE OF
 BOFF SLIP
 distance from: 600'
 direction from: W
 source height:
 90'
 wind direction NW
 wind speed 20-30
 sky condition OVERCAST
 amb. temp. (F)
 color of emissions white
 unless stated otherwise
 other;
 Remarks;
 Observer's Signature

12:00 PM

PAGE #2

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	○	○	○	○		30	○	○	○	○	
1	○	○	○	○		31	○	○	○	○	
2	○	○	○	○		32	○	○	○	○	
3	○	○	○	○		33	○	○	○	○	
4	○	○	○	○		34	○	○	○	○	
5	○	○	○	○		35	○	○	○	○	
6	○	○	○	○		36	○	○	○	○	
7	○	○	○	○		37	○	○	○	○	
8	○	○	○	○		38	○	○	○	○	
9	○	○	○	○		39	○	○	○	○	
10	○	○	○	○		40	○	○	○	○	
11	○	○	○	○		41	○	○	○	○	
12	○	○	○	○		42	○	○	○	○	
13	○	○	○	○		43	○	○	○	○	
14	○	○	○	○		44	○	○	○	○	
15	○	○	○	○		45	○	○	○	○	
16	○	○	○	○		46	○	○	○	○	
17	○	○	○	○		47	○	○	○	○	
18	○	○	○	○		48	○	○	○	○	
19	○	○	○	○		49	○	○	○	○	
20	○	○	○	○		50	○	○	○	○	
21	○	○	○	○		51	○	○	○	○	
22	○	○	○	○		52	○	○	○	○	
23	○	○	○	○		53	○	○	○	○	
24	○	○	○	○		54	○	○	○	○	
25	○	○	○	○		55	○	○	○	○	
26	○	○	○	○		56	○	○	○	○	
27	○	○	○	○		57	○	○	○	○	
28	○	○	○	○		58	○	○	○	○	
29	○	○	○	○		59	○	○	○	○	

Rosana Moffat

Last Certification Date 10/05/09

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 10/16/04
 OBSERVER: *Rosanna Moffat*
 START: 11:35 am pm
 FINISH: am 1:35 pm
 Source: C BLAST FURNACE
 Observation Point: WEST SIDE OF BOP SLIP
 distance from: 1000'
 direction from: W
 source height: 90'
 wind direction: NW
 wind speed: 20-30
 sky condition: OVERCAST
 amb. temp. (F):
 color of emissions: White
 unless stated otherwise:
 other:
 Remarks;
 Observer's Signature: *Rosanna Moffat*

1:00 PM PAGE #3

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		30	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		31	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		32	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		33	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		34	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
5	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		35	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	← PLUG
6	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		36	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
7	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		37	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
8	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		38	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
9	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		39	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
10	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		40	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
11	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		41	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
12	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		42	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
13	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		43					
14	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		44					
15	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		45					
16	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		46					
17	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		47					
18	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		48					
19	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		49					
20	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		50					
21	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		51					
22	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		52					
23	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		53					
24	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		54					
25	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		55					
26	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		56					
27	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		57					
28	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		58					
29	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		59					

Last Certification Date 10/05/04

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 10/07/01

OBSERVER: ROSANA HOFFMANN

START: 7:54 am pm

FINISH: 9:40 am pm

Source:
C BLAST FURNACE

Observation Point
PAVED LOT BY MILLER RD

distance from: 120'

direction from: E

source height:
90'

wind direction W

wind speed 0-5

sky condition CLEAR

amb. temp. (F)

color of emissions White

unless noted otherwise other;

W - WEST CAR
E - EAST CAR

Remarks;

Observer's Signature

7:00 AM

PAGE #1

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30					
1						31					
2						32					
3						33					
4						34					
5						35					
6						36					
7						37					
8						38					
9						39					
10						40					
11						41					
12						42					
13						43					
14						44					
15						45					
16						46					
17						47					
18						48					
19						49					
20						50					
21						51					
22						52					
23						53					
24						54	5	5	10	15	
25						55	15	20	10	10	
26						56	5	5	5	5	
27						57	5	5	5	5	
28						58	5	5	0	0	
29						59	0	0	0	0	

Rosana Hoffmann

Last Certification Date 10/05/01

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 10/07/04
 OBSERVER: ROSANA MOTTAT
 START: 7:54 am pm
 FINISH: 9:40 am pm
 Source: C BLAST FURNACE
 Observation Point: PAVED LOT BY MILLER RD
 distance from: E
 direction from: 120' J
 source height: 90'
 wind direction: W
 wind speed: 0-5
 sky condition: CLEAR
 amb. temp. (F):
 color of emissions: White
 unless stated otherwise:
 W - WEST CAR
 E - EAST CAR
 Remarks:
 Observer's Signature

PAGE #2

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	0	0	
1	0	0	0	0		31	0	0	0	0	
2	0	0	0	0		32	0	0	0	0	
3	0	0	0	0		33	0	0	0	0	
4	0	0	0	0		34	0	0	0	0	
5	0	0	0	0		35	0	0	0	0	
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	0		37	0	0	0	0	
8	0	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	0	0	0	0		40	0	0	0	0	
11	0	0	0	0		41	0	0	0	0	
12	0	0	0	0		42	0	0	0	0	
13	0	0	0	0		43	0	0	0	0	
14	0	0	0	0		44	0	0	0	0	
15	0	0	0	0		45	0	0	0	0	
16	0	0	0	0		46	0	0	0	0	
17	0	0	0	0		47	0	0	0	0	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	0	0	0	
20	0	0	0	0		50	0	0	0	0	
21	0	0	0	0		51	0	0	0	0	
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	W
29	0	0	0	0		59	0	0	0	0	

Rosana Mottat

Last Certification Date 10/05/04

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 10/07/04
 OBSERVER: ROSANA MOFFAT
 START: 7:54 am pm
 FINISH: 9:40 am pm
 Source: C BLAST FURNACE
 Observation Point: PAVED LOT BY MILLER RD
 distance from: 120'
 direction from: E
 source height: 90'
 wind direction: W
 wind speed: 0-5
 sky condition: CLEAR
 amb. temp. (F):
 color of emissions: White
 unless noted otherwise other:
 W - WEST CAR
 E - EAST CAR
 Remarks:
 Observer's Signature

9:00 AM

PAGE # 3

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	5	5	
1	0	0	0	0		31	5	5	5	5	
2	0	0	0	0		32	5	5	5	5	
3	0	0	0	0		33	5	5	5	5	
4	0	0	0	0		34	5	5	5	5	
5	0	0	0	0		35	5	5	0	0	
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	0		37	0	0	0	0	
8	0	0	0	0	E	38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	0	0	0	0		40					
11	0	0	0	0		41					
12	0	0	0	0		42					
13	0	0	0	0		43					
14	0	0	0	0		44					
15	0	0	0	0		45					
16	0	0	0	0		46					
17	0	0	0	0		47					
18	0	0	0	0		48					
19	0	0	0	0		49					
20	0	0	0	0		50					
21	0	0	0	0		51					
22	0	0	0	0		52					
23	0	0	0	0		53					
24	0	0	0	0		54					
25	0	0	0	0		55					
26	0	0	0	0		56					
27	0	0	0	0		57					
28	0	0	0	0		58					
29	0	0	0	0		59					

Rosana Moffat

Last Certification Date 10/05/04

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 12/30/04
 OBSERVER: L. TRINH
 START: 10:30 am pm
 FINISH: 10:45 am pm
 Source:
 "C" bleeders BF
 Observation Point
 "C" Furnace stack
 distance from: 150ft
 direction from: SW
 source height: 150ft
 wind direction SW
 wind speed 0-1 mile
 sky condition clear
 amb. temp. (F) 40°F
 color of emissions
 white
 other;
 Remarks;
 Observer's Signature

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	40	10	5	5	
1						31	5	0	0	0	
2						32	0	0	0	0	
3						33	5	5	5	5	
4						34	0	0	0	0	
5						35	0	0	0	0	
6						36	0	0	0	0	
7						37	0	0	0	0	
8						38	0	0	0	0	
9						39	0	0	0	0	
10						40	0	0	0	0	
11						41	0	0	0	0	
12						42	0	0	0	0	
13						43	0	0	0	0	
14						44	0	0	0	0	
15						45	0	0	0	0	
16						46					
17						47					
18						48					
19						49					
20						50					
21						51					
22						52					
23						53					
24						54					
25						55					
26						56					
27						57					
28						58					
29						59					

L. Trinh

Last Certification Date 10/2004

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 12/20/04
 OBSERVER: T Chen
 START: 10 26 am pm
 FINISH: am pm
 Source: BF-"C"
 Observation Point
 distance from: 600 ft
 direction from: SE
 source height: 150'
 wind direction SW
 wind speed 10-15 mph
 sky condition cloudy
 amb. temp. (F) 10
 color of emissions
 light yellow to light gray
 other;
 Remarks;
 Observer's Signature
 T Chen

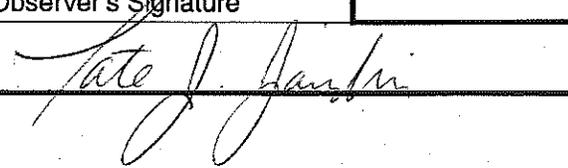
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	20	20	20	20	
1						31	20	20	20	25	
2						32	25	25	20	20	
3						33	20	20	20	15	
4						34	15	15	15	10	
5						35	10	10	10	5	
6						36	5	5	5	5	
7						37	5	5	5	5	
8						38	5	5	5	5	
9						39	5	5	5	0	Steam plume
10						40	0	0	0	0	
11						41	0	0	0	0	
12						42	0	0	0	0	
13						43	0	0	0	0	
14						44	0	0	0	0	
15						45	0	0	0	0	
16						46					
17						47					
18						48					
19						49					
20						50					
21						51					
22						52					
23						53					
24						54					
25						55					
26	5	5	5	5		56					
27	5	5	10	15		57					
28	15	15	15	20		58					
29	20	20	15	15		59					

Last Certification Date 10/5/2004

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 12-14-04
 OBSERVER: T. Jarczewski
 START: 11:05 (am) pm
 FINISH: 11:20 (am) pm
 Source: C. Furnace
 Observation Point
 Boat dock w. boat slip rd.
 distance from: 800'
 direction from: 40°
 source height: 200'
 wind direction S/E
 wind speed
 sky condition clear
 amb. temp. (F) 28°
 color of emissions white
 other;
 Remarks;

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30					
1						31					
2						32					
3						33					
4						34					
5	75	75	100	100		35					
6	100	100	100	100		36					
7	100	100	100	75		37					
8	100	100	100	75		38					
9	100	75	100	100		39					
10	65	65	100	65		40					
11	60	55	50	60		41					
12	45	45	40	30		42					
13	35	35	30	20		43					
14	20	25	25	25		44					
15	25	25	20	20		45					
16	20	20	20	20		46					
17	20	20	20	20		47					
18	15	15	15	15		48					
19	15	15	15	15		49					
20	15	15	15	15		50					
21						51					
22						52					
23						53					
24						54					
25						55					
26						56					
27						57					
28						58					
29						59					

Observer's Signature


Last Certification Date 11/04

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 12/12/04

OBSERVER: Greg Hunter

START: am 10:06 pm

FINISH: am pm

Source: Furnace

Observation Point
Gate 3 parking lot

distance from: 700ft

direction from: 180°

source height: 200ft

wind direction

wind speed

sky condition: Complete Overcast

amb. temp. (F): 42°F

color of emissions: white

other;

Remarks;
cannot read because sky & smoke are same color

Observer's Signature

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30					
1						31					
2						32					
3						33					
4						34					
5						35					
6						36					
7						37					
8						38					
9						39					
10						40					
11						41					
12						42					
13						43					
14						44					
15						45					
16						46					
17						47					
18						48					
19						49					
20						50					
21						51					
22						52					
23						53					
24						54					
25						55					
26						56					
27						57					
28						58					
29						59					

Last Certification Date 11/04

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 12-4-04

OBSERVER: T. Jarczewski

START: am pm

FINISH: am pm

Source: C. Furnace

Observation Point: 180° TJ
Gate 3 parking Lot

distance from: 700'

direction from: 180°

source height: 200'

wind direction: E

wind speed: 8-10 mph

sky condition: overcast

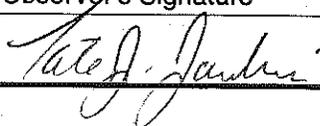
amb. temp. (F): 44°

color of emissions: white

other: started white, turned grey, back to white

Remarks:

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30					
1						31					
2						32					
3						33					
4						34					
5						35					
6						36					
7						37					
8						38					
9						39					
10						40					
11						41					
12						42					
13						43					
14						44					
15						45					
16						46					
17						47					
18						48					
19	65	65	60	60		49					
20	55	55	45	60		50					
21	100	90	85	100		51					
22	100	100	100	85		52					
23	65	50	35	0		53					
24						54					
25						55					
26						56					
27						57					
28						58					
29						59					

Observer's Signature


Last Certification Date 11-04

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 11-13-04
 OBSERVER: D. Windeler
 START: 10:01 (am) pm
 FINISH: 10:12 (am) pm
 Source: "C" Bleeders
 Observation Point
 Road F just N. of
 Stockhouse
 distance from: 250'
 direction from: SSW
 source height: 200'
 wind direction ENE
 wind speed 5-7 mph
 sky condition blue w/ haze
 amb. temp. (F) 45°F
 color of emissions N/A
 Steam only
 other;
 Remarks;

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0					Southern	30					
1		○	○	○	Both open	31					
2	○	○	○	○		32					
3	○	○	○	○		33					
4	○	○	○	○		34					
5	○	○	○	○		35					
6	○	○	○	○		36					
7	○	○	○	○		37					
8	○	○	○	○		38					
9	○	○	○	○		39					
10	○	○	○	○		40					
11	○	○	○	○		41					
12	○					42					
13						43					
14						44					
15						45					
16						46					
17						47					
18						48					
19						49					
20						50					
21						51					
22						52					
23						53					
24						54					
25						55					
26						56					
27						57					
28						58					
29						59					

Observer's Signature

D. Windeler

Last Certification Date 10-6-04

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 11-4-04
 OBSERVER: J. Earl
 START: am 2:31 (pm)
 FINISH: am 2:40 (pm)
 Source:
 C BF Bleeders
 Observation Point
 ROB South
 Parking Lot
 distance from: 200'
 direction from: N
 source height:
 150'
 wind direction W
 wind speed 5-10
 sky condition Overcast
 amb. temp. (F) 48
 color of emissions
 White / Gray / Black
 other;
 Remarks;
 Observer's Signature

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30					
1						31	0	0	0	0	
2						32	30	30	25	20	
3						33	10	10	0	0	
4						34	0	0	0	0	
5						35	0	0	0	70	
6						36	10	20	30	15	
7						37	10	10	5	5	
8						38	0	0	0	0	
9						39	0	0	0	0	
10						40	0	0	0	0	
11						41					
12						42					
13						43					
14						44					
15						45					
16						46					
17						47					
18						48					
19						49					
20						50					
21						51					
22						52					
23						53					
24						54					
25						55					
26						56					
27						57					
28						58					
29						59					

Observer's Signature *J. Earl*

Last Certification Date Oct 2004

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 10-29-04
 OBSERVER: J. Earl
 START: am 4:18 (pm)
 FINISH: am 4:26 (pm)
 Source:
 C. BF Bleeders
 Observation Point
 Row
 distance from: 500'
 direction from: W
 source height:
 150'
 wind direction W
 wind speed 5
 sky condition Overcast, Hazy
 amb. temp. (F) 65
 color of emissions
 Gray / Black
 other:
 Remarks;
 Observer's Signature

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30					
1						31					
2						32					
3						33					
4						34					
5						35					
6						36					
7						37					
8						38					
9						39					
10						40					
11						41					
12						42					
13						43					
14						44					
15						45					
16						46					
17						47					
18	10	10	10	10		48					
19	10	10	10	30		49					
20	40	40	30	30		50					
21	30	30	30	25		51					
22	10	10	10	10		52					
23	5	5	5	5		53					
24	0	0	0	0		54					
25	0	0	0	0		55					
26	0	0	0	0		56					
27						57					
28						58					
29						59					

J. Earl

Last Certification Date Oct 2004

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 10-25-01

OBSERVER:

START: 9:09 am pm

FINISH: am pm

Source:
C-furnace

Observation Point
B-Road

distance from:

direction from:

source height:

wind direction

wind speed

sky condition

amb. temp. (F)

color of emissions

other:

Remarks;
too cloudy

Observer's Signature

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30					
1						31					
2						32					
3						33					
4						34					
5						35					
6						36					
7						37					
8						38					
9						39					
10						40					
11						41					
12						42					
13						43					
14						44					
15						45					
16						46					
17						47					
18						48					
19						49					
20						50					
21						51					
22						52					
23						53					
24						54					
25						55					
26						56					
27						57					
28						58					
29						59					

Observer's Signature 

Last Certification Date 6-04

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 10-18-04

OBSERVER:

START: 1:05 am (pm)

FINISH: 1:23 am (pm)

Source: "C" Blast Fce.
Bleeders

Observation Point
Blast Fce laydown
yard

distance from:

direction from: SE

source height:

wind direction Var from NE

wind speed Var. < 10 mph

sky condition heavy overcast

amb. temp. (F) 55°

color of emissions gray to
white

other:

Remarks:

Observer's Signature
A. J. Wiedeler

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30					
1						31					
2						32					
3						33					
4						34					
5		80	30	30		35					
6	30	20	40	40		36					
7	40	20	20	20	15	37					
8	15	15	10	10		38					
9	10	10	10	10		39					
10	10	10	10	5	Very low	40					
11	5	5	0	0	flow	41					
12	0	0	5	0		42					
13	5	0	0	0		43					
14	0	0	0	0		44					
15	0	0	0	0		45					
16	0	0	0	0		46					
17	0	0	0	0	Very low	47					
18	0	0	0	0	flow	48					
19	0	0	0	0	almost none	49					
20	0	0	0	0		50					
21	0	0	0	0		51					
22	0	0	0	0		52					
23	0	0	0	0		53					
24						54					
25						55					
26						56					
27						57					
28						58					
29						59					

Last Certification Date 4/7/04
Tested 10/6/04 (Pending)

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 10/11/04
 OBSERVER: ROSANA MOFFAT
 START: 10:14 am pm
 FINISH: 10:30 am pm
 Source: C BLAST BLEEDERS
 Observation Point: SOUTH OF LEVY
 distance from: 800'
 direction from: SW
 source height: ~ 200'
 wind direction: NE
 wind speed: 5-10
 sky condition: CLEAR
 amb. temp. (F):
 color of emissions: White
 unless stated otherwise other;
 Remarks:
 Observer's Signature: Rosana Moffat

10:00AM

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30					
1						31					
2						32					
3						33					
4						34					
5						35					
6						36					
7						37					
8						38					
9						39					
10						40					
11						41					
12						42					
13						43					
14			5	10		44					
15	20	20	20	20		45					
16	20	20	20	20		46					
17	20	20	20	20		47					
18	20	20	20	15		48					
19	15	15	15	15		49					
20	15	15	15	15		50					
21	15	15	15	15		51					
22	15	15	15	15		52					
23	15	15	15	10		53					
24	10	10	10	10		54					
25	10	5	5	5		55					
26	5	5	5	5		56					
27	5	5	5	5		57					
28	5	0	0	0		58					
29	0	0	0	0		59					

Last Certification Date 10/05/04

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

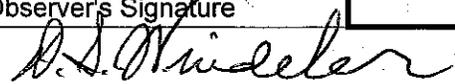
DATE: 10/5/04
 OBSERVER: D. W. Winkler
 START: 7:25 AM (am) pm
 FINISH: 7:44 (am) pm
 Source: "C" BF Bleeders

Observation Point
 BF laydown yard
 south of "B" BF
 distance from: 150'
 direction from: SE
 source height: 190'

wind direction N to NE
 wind speed 4-7 mph
 sky condition Clear
 amb. temp. (F) 40°
 color of emissions light
 gray to white
 other;

Remarks;
 Received page
 at 7:17 AM

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	10	15	5	10	
1						31	5	-	-	-	Obscured by stove stack
2						32	0	5	0	0	
3						33	0	0	0	0	
4						34	0	0	0	0	
5						35	0	0	0	0	
6						36	0	0	0	0	
7						37	0	0	0	0	
8						38	0	0	0	0	
9						39	0	0	0	0	
10						40	0	0	0	0	
11						41	0	0	0	0	
12						42	0	0	0	0	
13						43	0	0	0	0	
14						44	0	0	0	0	Stopped reading
15						45					
16						46					
17						47					
18						48					
19						49					
20						50					
21						51					
22						52					
23						53					
24						54					
25	-	30	-	-	Moving into	55					
26	-	-	-	-	position	56					
27	15	15	15	20		57					
28	10	10	15	15		58					
29	10	5	10	10		59					

Observer's Signature


Last Certification Date 4-7-04

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 10/2/04

OBSERVER: D.S. Windeler

START: 10:36(am) pm

FINISH: 10:59(am) pm

Source: "C" Blast Furnace Bleeders

Observation Point
120' Due east in BF lay down yard
distance from: 120'
direction from: East
source height: 200'

wind direction from NNW
wind speed 7-10 mph
sky condition Overcast
amb. temp. (F) 65

color of emissions White
Steam

other;

Remarks;
On site at 10:20 AM

Observer's Signature
D.S. Windeler

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30					
1						31					
2						32					
3						33					
4						34					
5						35					
6						36	20	20	20	20	Steam & white smoke
7						37	20	20	20	20	
8						38	15	10	10	10	
9						39	10	10	15	10	
10						40	10	10	10	10	
11						41	10	10	10	10	
12						42	5	5	5	5	
13						43	5	5	5	0	Steam only
14						44	0	0	0	0	
15						45	0	0	0	0	
16						46	0	0	0	0	
17						47	0	0	0	0	
18						48	0	0	0	0	
19						49	0	0	0	0	
20						50	0	0	0	0	
21						51	0	0	0	0	
22						52	0	0	0	0	
23						53	0	0	0	0	
24						54					
25						55					
26						56					
27						57					
28						58					
29						59					

Last Certification Date April 7, 2004

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 10-1-04
 OBSERVER: J. Earl
 START: 11:52 (am) pm
 FINISH: 11:55 (am) pm
 Source:
 C BF Bleeders
 Observation Point
 Row on west
 Beat St. P road
 distance from: 800'
 direction from: W
 source height:
 150'
 wind direction W
 wind speed 5-10
 sky condition P. Cloudy
 amb. temp. (F) 65
 color of emissions
 White/Gray
 other,
 Remarks;
 Observer's Signature

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30					
1						31					
2						32					
3						33					
4						34					
5						35					
6						36					
7						37					
8						38					
9						39					
10						40					
11						41					
12						42					
13						43					
14						44					
15						45					
16						46					
17						47					
18						48					
19						49					
20						50					
21						51					
22					11:	52	5	5	5	5	
23						53	5	5	0	0	
24						54	0	0	0	0	
25						55	0	0	0	0	
26						56					
27						57					
28						58					
29						59					

J. Earl

Last Certification Date April 04

U.S. ENVIRONMENTAL PROTECTION AGENCY

FEB 03 2005

OFFICE OF REGIONAL COUNSEL